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TRI On-site and Off-site Disposal or Other Releases, 2008

	Number	
Total Facilities	21,695	
Total Forms	83,584	
Form Rs	74,023	
Form As	9,561	
	Pounds	**Percent**
On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills	**583,040,683**	**15.1**
Class I Wells	168,651,102	4.4
RCRA Subtitle C Landfills	122,961,247	3.2
Other On-site Landfills	291,428,334	7.5
Other On-site Disposal or Other Releases	**2,789,374,520**	**72.2**
Total Air	1,140,860,350	29.5
Fugitive Air Emissions	161,894,025	4.2
Point Source Air Emissions	978,966,325	25.4
Surface Water Discharges	246,806,831	6.4
Class II-V Wells	18,195,394	0.5
Land Treatment	24,730,998	0.6
RCRA Subtitle C Surface Impoundments	4,245,989	0.1
Other Surface Impoundments	732,184,561	19.0
Other Land Disposal	622,350,397	16.1
Total On-site Disposal or Other Releases	**3,372,415,203**	**87.3**
Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills	**332,025,426**	**8.6**
Class I Wells	9,206,094	0.2
RCRA Subtitle C Landfills	64,040,880	1.7
Other Landfills	258,778,451	6.7
Other Off-site Disposal or Other Releases	**156,899,051**	**4.1**
Storage Only	7,967,909	0.2
Solidification/Stabilization (Metals and Metal Category Compounds Only)	47,277,322	1.2
Wastewater Treatment (Excluding POTWs) (Metals and Metal Category Compounds C	2,329,167	0.1
Transfers to POTWs (Metals and Metal Category Compounds Only)	1,306,369	0.0
Class II-V Wells	297,333	0.0
RCRA Subtitle C Surface Impoundments	109,137	0.0
Other Surface Impoundments	4,334,832	0.1
Land Treatment	9,878,314	0.3
Other Land Disposal	45,729,465	1.2
Other Off-site Management	11,634,293	0.3
Transfers to Waste Broker for Disposal	19,883,619	0.5
Unknown	6,151,293	0.2
Total Off-site Disposal or Other Releases	**488,924,477**	**12.7**
Total On-site and Off-site Disposal or Other Releases	**3,861,339,680**	**100.0**

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information). For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/triprogram/FactorsToConPDF.pdf**.**
On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Impoundments (5.5.3B) and Other Land Disposal (5.5.4).

Off-site Disposal or Other Releases include from Section 6.2 Underground Injection Class I Wells (M81), Underground Injection Class II-V Wells (M82), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67), Land Treatment (M73), Other Land Disposal (M79), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1 Transfers to POTWs (metals and metal category compounds only).

Does not include Off-site Disposal or Other Releases transferred to other TRI facilities that reported the amounts as on-site disposal or other releases.

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TRI On-site and Off-site Disposal or Other Releases, 2007-2008

	2007	2008	Change 2007-2008	
	Number	Number	Number	Percent
Total Facilities	22,775	21,695	-1,080	-4.7
Total Forms	87,165	83,584	-3,581	-4.1
Form Rs	75,157	74,023	-1,134	-1.5
Form As	12,008	9,561	-2,447	-20.4
On-site Disposal or Other Releases	**Pounds**	**Pounds**	**Pounds**	**Percent**
On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills	**602,033,243**	**583,040,683**	**-18,992,561**	**-3.2**
Class I Wells	184,146,421	168,651,102	-15,495,319	-8.4
RCRA Subtitle C Landfills	150,637,961	122,961,247	-27,676,714	-18.4
Other On-site Landfills	267,248,861	291,428,334	24,179,472	9.0
Other On-site Disposal or Other Releases	**2,957,796,515**	**2,789,374,520**	**-168,421,995**	**-5.7**
Total Air	1,319,785,104	1,140,860,350	-178,924,754	-13.6
Fugitive Air Emissions	169,138,939	161,894,025	-7,244,914	-4.3
Point Source Air Emissions	1,150,646,165	978,966,325	-171,679,840	-14.9
Surface Water Discharges	238,730,108	246,806,831	8,076,724	3.4
Class II-V Wells	21,505,656	18,195,394	-3,310,262	-15.4
Land Treatment	21,973,993	24,730,998	2,757,005	12.5
RCRA Subtitle C Surface Impoundments	5,554,802	4,245,989	-1,308,812	-23.6
Other Surface Impoundments	759,303,343	732,184,561	-27,118,781	-3.6
Other Land Disposal	590,943,510	622,350,397	31,406,887	5.3
Total On-site Disposal or Other Releases	**3,559,829,758**	**3,372,415,203**	**-187,414,555**	**-5.3**
Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills	364,537,585	332,025,426	**-32,512,160**	**-8.9**
Class I Wells	15,647,795	9,206,094	-6,441,701	-41.2
RCRA Subtitle C Landfills	51,153,753	64,040,880	12,887,127	25.2
Other Landfills	297,736,037	258,778,451	-38,957,586	-13.1
Other Off-site Disposal or Other Releases	194,283,857	156,899,051	**-37,384,806**	**-19.2**
Storage Only	5,169,914	7,967,909	2,797,995	54.1
Solidification/Stabilization (Metals and Metal Category Compounds Only)	95,322,471	47,277,322	-48,045,149	-50.4
Wastewater Treatment (Excluding POTWs) (Metals and Metal Category Compounds Only)	2,997,711	2,329,167	-668,544	-22.3
Transfers to POTWs (Metals and Metal Category Compounds Only)	1,951,455	1,306,369	-645,086	-33.1
Class II-V Wells	374,295	297,333	-76,962	-20.6
RCRA Subtitle C Surface Impoundments	91,020	109,137	18,117	19.9
Other Surface Impoundments	5,185,303	4,334,832	-850,472	-16.4
Land Treatment	8,555,151	9,878,314	1,323,163	15.5
Other Land Disposal	36,951,492	45,729,465	8,777,972	23.8
Other Off-site Management	18,819,250	11,634,293	-7,184,957	-38.2
Transfers to Waste Broker for Disposal	12,236,089	19,883,619	7,647,530	62.5
Unknown	6,629,706	6,151,293	-478,413	-7.2
Total Off-site Disposal or Other Releases	**558,821,443**	**488,924,477**	**-69,896,966**	**-12.5**
Total On-site and Off-site Disposal or Other Releases	**4,118,651,201**	**3,861,339,680**	**-257,311,521**	**-6.2**

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information). For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/triprogram/FactorsToConPDF.pdf**.**
Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), Surface Impoundments (5.5.3, 5.5.3A and 5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection (M82, M81and M71), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), Surface Impoundments (M67, M66 and M63), Land Treatment (M73), Other Land Disposal (M79), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

Does not include Off-site Disposal or Other Releases transferred to other TRI facilities that reported the amounts as on-site disposal or other releases.

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TRI On-site and Off-site Disposal or Other Releases, 2001-2008

	2001	2002	2003	2004	2005	2006	2007	2008	Change 2001-2008	
	Number	Number	Number	Number	Number	Number	Number	Number	Number	Percent
Total Facilities	25,772	25,123	24,593	24,428	24,140	23,543	22,775	21,695	-4,077	-15.8
Total Forms	96,755	94,334	92,512	91,884	91,260	89,742	87,165	83,584	-13,171	-13.6
Form Rs	84,265	82,289	80,887	80,702	80,200	77,185	75,157	74,023	-10,242	-12.2
Form As	12,490	12,045	11,625	11,182	11,060	12,557	12,008	9,561	-2,929	-23.5
On-site Disposal or Other Releases	**Pounds**	**Pounds**	**Pounds**	**Pounds**	**Pounds**	**Pounds**	**Pounds**	**Pounds**	**Pounds**	**Pounds**
Total Air Emissions	1,630,651,792	1,614,764,811	1,586,328,848	1,544,114,336	1,516,364,586	1,413,548,524	1,319,785,104	1,140,860,350	-489,791,442	-30.0
Fugitive Air	211,946,830	200,452,732	199,169,103	197,097,261	193,846,578	183,456,673	169,138,939	161,894,025	-50,052,805	-23.6
Stack Air	1,418,704,962	1,414,312,079	1,387,159,746	1,347,017,075	1,322,518,007	1,230,091,852	1,150,646,165	978,966,325	-439,738,637	-31.0
Surface Water Discharges	243,228,360	243,354,729	230,843,245	253,320,387	256,720,913	250,002,345	238,730,108	246,806,831	3,578,471	1.5
Underground Injection	215,649,594	227,038,336	229,183,906	238,057,383	231,683,479	219,866,050	205,652,077	186,846,496	-28,803,098	-13.4
Underground Injection Class I	193,645,890	206,515,351	207,215,071	210,341,916	211,508,020	199,782,672	184,146,421	168,651,102	-24,994,787	-12.9
Class II-V Wells	22,003,705	20,522,985	21,968,835	27,715,467	20,175,459	20,083,378	21,505,656	18,195,394	-3,808,311	-17.3
On-site Land	2,999,389,188	2,176,810,495	1,915,143,615	1,702,657,048	1,824,769,865	1,901,197,935	1,795,662,470	1,797,901,526	-1,201,487,662	-40.1
RCRA Subtitle C Landfills	173,537,483	155,998,461	196,263,210	151,917,311	155,224,815	151,845,152	150,637,961	122,961,247	-50,576,236	-29.1
Other On-site Landfills	484,540,505	423,182,271	464,231,990	419,703,410	422,093,413	414,903,273	417,886,822	414,389,580	-70,150,924	-14.5
Land Treatment	17,213,415	24,275,256	18,133,834	21,488,589	23,693,582	26,817,717	21,973,993	24,730,998	7,517,583	43.7
Surface Impoundments	973,836,003	771,594,855	822,562,932	719,336,534	782,039,292	822,194,092	764,858,144	736,430,551	-237,405,453	-24.4
Other Land Disposal	1,523,799,265	957,758,113	610,214,858	542,128,515	596,943,578	637,282,853	590,943,510	622,350,397	-901,448,868	-59.2
Total On-site Disposal or Other Releases	**5,088,918,934**	**4,261,968,371**	**3,961,499,614**	**3,738,149,154**	**3,829,538,843**	**3,784,614,854**	**3,559,829,758**	**3,372,415,203**	**-1,716,503,731**	**-33.7**
Off-site Disposal or Other Releases										
Storage Only	5,933,374	9,118,074	5,899,198	7,938,861	5,566,242	6,562,079	5,169,914	7,967,909	2,034,535	34.3
Solidification/Stabilization (Metals and Metal Category Compounds Only)	65,356,191	97,578,442	78,969,447	78,493,886	72,986,194	98,797,562	95,322,471	47,277,322	-18,078,869	-27.7
Wastewater Treatment-Metals and Metal Category Compounds Only	3,772,679	3,572,447	2,266,887	2,115,888	6,077,643	2,277,937	2,997,711	2,329,167	-1,443,513	-38.3
Transfers to POTWs Metal and Metal Category Compounds	2,223,663	1,986,496	1,896,464	1,662,279	1,765,987	1,834,741	1,951,455	1,306,369	-917,294	-41.3
Underground Injection	15,432,007	8,592,674	7,951,077	12,173,346	13,164,104	15,976,343	16,022,091	9,503,427	-5,928,579	-38.4
Landfill/Surface Impoundments	338,073,289	278,811,317	312,141,276	326,659,951	339,751,779	335,005,899	354,166,114	327,263,300	-10,809,989	-3.2
Land Treatment	7,384,171	10,091,776	9,468,658	8,945,039	10,676,613	7,172,155	8,555,151	9,878,314	2,494,143	33.8
Other Land Disposal	28,820,601	42,339,910	32,422,004	40,119,473	46,697,164	33,865,611	36,951,492	45,729,465	16,908,864	58.7
Other Off-Site Management	16,185,692	15,226,586	14,567,796	14,247,931	16,576,019	15,983,435	18,819,250	11,634,293	-4,551,399	-28.1
Waste Broker	12,061,653	12,942,266	15,674,559	17,433,339	16,185,964	14,201,826	12,236,089	19,883,619	7,821,966	64.8
Unknown	3,848,976	5,948,282	4,929,694	5,671,620	5,732,992	6,431,660	6,629,706	6,151,293	2,302,317	59.8
Total Off-site Disposal or Other Releases	**499,092,297**	**486,208,271**	**486,187,059**	**515,461,612**	**535,180,700**	**538,109,249**	**558,821,443**	**488,924,477**	**-10,167,820**	**-2.0**
Total On- and Off-site Disposal or Other Releases	**5,588,011,231**	**4,748,176,643**	**4,447,686,674**	**4,253,610,766**	**4,364,719,543**	**4,322,724,103**	**4,118,651,201**	**3,861,339,680**	**-1,726,671,551**	**-30.9**

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information). For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/triprogram/FactorsToConPDF.pdf**.**

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

Does not include Off-site Disposal or Other Releases transferred to other TRI facilities that reported the amounts as on-site disposal or other releases.

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Total TRI On-site and Off-site Disposal or Other Releases, 2001-2008: Facilities Compared by Amount reported in 2001*

Amount of Total Disposal or Other Releases in 2001	Facilities*		2001	2008	Change 2001-2008	
	Number	Percent of Total	Pounds	Pounds	Pounds	Percent
Zero total disposal or other releases in both 2001 and 2008	1,984	12	0	0	0	--
>0 and <10,000 pounds in 2001	8,241	50	14,659,644	131,798,397	117,138,753	799
>=10,000 and <100,000 pounds in 2001	3,828	23	140,677,326	183,528,065	42,850,739	30
Less than 100,000 pounds in 2001	14,053	85	155,336,971	315,326,462	159,989,492	103
>=100,000 pounds in 2001	2,477	15	3,711,673,197	2,834,380,614	-877,292,583	-24
Subtotal**	16,530	99.96	3,867,010,167	3,149,707,077	-717,303,091	-19
Change <>80,000,000 pounds from 2001-2008	7	0.04	1,464,103,289	629,753,878	-834,349,411	-57
Total for Facilities Reporting in both 2001 and 2008	16,537	100	5,331,113,456	3,779,460,955	-1,551,652,502	-29

* Includes only facilities reporting in both 2001 and 2008. Facilities grouped into size categories according to total disposal or other releases reported for 2001 and then compared to amount reported for 2008. Amounts for 2001 and 2008 are for same group

** Subtotal does not include 7 facilities that reported change from 2001-2008 of more than 80,000,000 pounds.

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information). For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/triprogram/FactorsToConPDF.pdf**.**

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

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TRI On-site and Off-site Disposal or Other Releases, 1998-2008

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	Change 1998-2008	
	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Percent
Total Facilities	23,303	23,016	23,027	22,362	21,763	21,203	21,040	20,779	20,321	19,623	18,734	-4,569	-19.6
Total Forms	83,130	82,326	82,192	79,443	77,339	75,571	75,132	74,522	73,358	71,042	68,153	-14,977	-18.0
Form Rs	70,282	69,644	69,211	67,018	65,344	63,991	63,998	63,511	61,237	59,480	58,539	-11,743	-16.7
Form As	12,848	12,682	12,981	12,425	11,995	11,580	11,134	11,011	12,121	11,562	9,614	-3,234	-25.2
On-site Disposal or Other Releases	**Pounds**	**Pounds**	**Pounds**	**Pounds**	**Pounds**	**Pounds**	**Pounds**	**Pounds**	**Pounds**	**Pounds**	**Pounds**	**Pounds**	**Pounds**
Total Air Emissions	2,042,117,141	2,003,076,145	1,885,261,764	1,625,931,224	1,611,293,743	1,583,033,032	1,541,128,307	1,513,445,857	1,410,186,955	1,317,426,147	1,138,679,612	-903,437,529	-44.2
Fugitive Air	286,227,596	260,644,317	238,642,232	211,281,166	199,795,241	198,640,969	196,637,865	193,416,277	183,041,174	168,691,931	161,277,510	-124,950,086	-43.7
Stack Air	1,755,889,545	1,742,431,828	1,646,619,531	1,414,650,058	1,411,498,502	1,384,392,063	1,344,490,441	1,320,029,580	1,227,145,781	1,148,734,217	977,402,102	-778,487,443	-44.3
Surface Water Discharges	255,880,290	270,482,631	269,182,290	242,423,356	242,639,380	229,864,781	252,519,501	256,142,948	249,461,080	238,101,302	245,430,031	-10,450,259	-4.1
Underground Injection	258,022,342	250,244,399	269,623,166	208,495,360	218,753,986	220,490,037	227,903,930	224,601,664	211,692,188	196,868,529	179,197,179	-78,825,163	-30.5
Underground Injection Class I	231,959,661	222,789,096	239,885,166	192,531,665	205,122,796	205,782,092	208,695,352	210,214,312	198,315,113	182,543,946	167,065,659	-64,894,002	-28.0
Class II-V Wells	26,062,681	27,455,303	29,738,000	15,963,695	13,631,190	14,707,945	19,208,578	14,387,352	13,377,076	14,324,583	12,131,520	-13,931,161	-53.5
On-site Land	3,782,181,367	3,946,935,380	3,321,864,014	2,532,333,825	1,768,780,707	1,448,392,827	1,244,525,764	1,342,375,805	1,394,157,740	1,290,623,440	1,296,620,399	-2,485,560,968	-65.7
RCRA Subtitle C Landfills	190,672,832	186,857,110	231,927,453	149,325,367	136,869,212	146,831,433	126,783,098	136,919,913	133,771,437	133,095,942	105,255,291	-85,417,541	-44.8
Other On-site Landfills	261,168,838	242,473,208	275,637,917	274,022,355	229,949,457	219,790,364	228,715,584	229,324,052	233,851,859	238,503,743	259,899,437	-1,269,401	-0.5
Land Treatment	9,719,050	11,022,047	15,815,909	15,889,433	22,562,273	17,293,192	20,236,093	22,407,146	25,492,239	20,551,853	23,009,496	13,290,446	136.7
Surface Impoundments	1,289,182,706	1,133,529,054	962,816,544	800,782,383	631,228,041	665,543,816	579,678,924	622,326,717	645,585,465	590,202,467	586,079,586	-703,103,120	-54.5
Other Land Disposal	2,031,437,941	2,373,053,961	1,835,666,191	1,292,314,287	748,171,724	398,934,023	289,112,066	331,397,977	355,456,740	308,269,435	322,376,589	-1,709,061,352	-84.1
Total On-site Disposal or Other Releases	**6,338,201,140**	**6,470,738,555**	**5,745,931,233**	**4,609,183,766**	**3,841,467,816**	**3,481,780,676**	**3,266,077,503**	**3,336,566,274**	**3,265,497,963**	**3,043,019,418**	**2,859,927,220**	**-3,478,273,920**	**-54.9**
Off-site Disposal or Other Releases													
Storage Only	7,979,119	6,929,731	8,789,475	5,266,488	8,070,277	5,044,965	7,153,418	4,674,439	5,825,715	4,270,581	7,325,580	-653,539	-8.2
Solidification/Stabilization (Metals and Metal Category Compounds Only)	42,011,173	42,937,454	44,279,314	60,869,068	90,274,417	70,823,947	70,777,004	63,301,909	89,250,066	87,295,768	42,130,368	119,195	0.3
Wastewater Treatment-Metals and Metal Category Compounds Only	3,079,669	7,140,539	7,041,261	3,674,449	3,263,681	1,937,587	2,007,183	2,901,594	2,216,563	2,964,040	2,081,448	-998,222	-32.4
Transfers to POTWs Metal and Metal Category Compounds	3,549,672	2,766,518	2,903,197	2,162,986	1,924,825	1,846,311	1,619,580	1,729,838	1,796,259	1,917,414	1,272,264	-2,277,408	-64.2
Underground Injection	8,275,951	23,281,482	20,321,953	15,389,953	8,469,959	7,891,213	12,099,408	13,067,598	15,933,044	15,974,548	9,452,530	1,176,579	14.2
Landfill/Surface Impoundments	269,711,978	274,368,501	296,468,471	308,569,329	255,489,389	290,815,184	306,794,960	319,729,784	315,845,151	330,418,103	307,542,058	37,830,079	14.0
Land Treatment	2,214,999	3,641,639	5,536,789	7,187,855	9,376,077	9,059,728	8,482,476	10,303,135	6,913,879	8,212,300	9,367,143	7,152,144	322.9
Other Land Disposal	27,221,859	24,848,296	23,131,825	27,282,622	36,452,650	30,618,976	37,917,019	43,397,020	31,671,036	34,815,201	42,944,233	15,722,374	57.8
Other Off-Site Management	17,919,152	24,750,195	16,621,865	14,530,943	13,810,289	13,337,111	12,566,097	14,794,719	14,532,603	17,116,085	9,593,883	-8,325,269	-46.5
Waste Broker	14,453,649	13,024,301	14,773,435	9,967,018	11,030,180	13,809,895	15,265,894	13,822,450	12,117,572	10,977,664	18,547,126	4,093,477	28.3
Unknown	3,620,100	4,237,715	6,380,546	3,041,226	5,041,643	4,468,658	5,224,152	4,897,432	5,806,253	6,523,445	6,068,241	2,448,141	67.6
Total Off-site Disposal or Other Releases	**400,037,321**	**427,926,372**	**446,248,131**	**457,941,936**	**443,203,387**	**449,653,574**	**479,907,191**	**492,619,920**	**501,908,141**	**520,485,149**	**456,324,873**	**56,287,551**	**14.1**
Total On- and Off-site Disposal or Other Releases	**6,738,238,461**	**6,898,664,926**	**6,192,179,365**	**5,067,125,702**	**4,284,671,202**	**3,931,434,250**	**3,745,984,693**	**3,829,186,193**	**3,767,406,105**	**3,563,504,567**	**3,316,252,093**	**-3,421,986,368**	**-50.8**

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information). For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/triprogram/FactorsToConPDF.pdf**.** Does not include PBT chemicals, vanadium and vanadium compounds.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

Does not include Off-site Disposal or Other Releases transferred to other TRI facilities that reported the amounts as on-site disposal or other releases.

Total TRI On-site and Off-site Disposal or Other Releases, 1998-2008: Facilities Compared by Amount reported in 1998*

Amount of Total Disposal or Other Releases in 1998	Facilities*		1998	2008	Change 1998-2008	
	Number	Percent of Total	Pounds	Pounds	Pounds	Percent
Zero total disposal or other releases in both 1998 and 2008	1,461	11	0	0	0	--
>0 and <=10,000 pounds in 1998	5,578	43	11,706,039	103,366,158	91,660,119	783
>=10,000 and <100,000 pounds in 1998	3,505	27	130,677,393	159,724,454	29,047,062	22
Less than 100,000 pounds in 1998	10,544	81	142,383,432	263,090,613	120,707,181	85
>=100,000 pounds in 1998	2,540	19	3,653,686,958	2,520,941,554	-1,132,745,404	-31
Subtotal**	13,084	99.9	3,796,070,390	2,784,032,167	-1,012,038,223	-27
Change <>80,000,000 pounds from 1998-2008	12	0.1	2,257,088,215	453,690,608	-1,803,397,607	-80
Total for Facilities Reporting in both 1998 and 2008	13,096	100	6,053,158,605	3,237,722,775	-2,815,435,830	-47

* Includes only facilities reporting in both 1998 and 2008. Facilities grouped into size categories according to total disposal or other releases reported for 1998 and then compared to amount reported for 2008. Amounts for 1998 and 2008 are for same group

** Subtotal does not include 12 facilities that reported change from 1998-2008 of more than 80,000,000 pounds.

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information). For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/triprogram/FactorsToConPDF.pdf**.** Does not include PBT chemicals, vanadium and vanadium compounds.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

TRI On-site and Off-site Disposal or Other Releases, 1988, 1998 and 2007-2008

	1988	1998	2007	2008	Change 1988-2008	
	Number	Number	Number	Number	Number	Percent
Total Facilities	19,319	19,045	15,828	14,999	-4,320	-22.4
Total Forms	55,961	55,904	47,662	45,322	-10,639	-19.0
On-site Disposal or Other Releases						
Total Air Emissions	2,036,236,594	880,367,217	433,029,992	378,324,596	-1,657,911,998	-81.4
Fugitive Air Emissions	637,264,033	197,028,291	118,670,922	110,379,624	-526,884,409	-82.7
Point Source Air Emissions	1,398,972,561	683,338,925	314,359,070	267,944,972	-1,131,027,589	-80.8
Surface Water Discharges	41,575,143	18,529,400	13,719,835	12,286,703	-29,288,440	-70.4
Underground Injection	161,652,002	114,064,950	90,067,921	87,042,151	-74,609,851	-46.2
On-site Land	378,956,569	329,400,609	162,276,648	187,022,293	-191,934,276	-50.6
Total On-site Disposal or Other Releases	**2,618,420,308**	**1,342,362,175**	**699,094,395**	**664,675,743**	**-1,953,744,565**	**-74.6**
Off-site Disposal or Other Releases						
Storage Only	13,392,664	5,164,659	1,700,737	4,564,430	-8,828,234	-65.9
Solidification/Stabilization (Metals and Metal Category Compounds Only)	26,620,239	122,603,560	106,021,762	53,713,531	27,093,292	101.8
Wastewater Treatment (Excluding POTWs) (Metals and Metal Category Compounds Only)	4,521,656	3,052,131	5,354,675	3,491,029	-1,030,627	-22.8
Transfers to POTWs (Metals and Metal Category Compounds Only)	9,373,166	3,258,783	1,907,039	1,261,056	-8,112,109	-86.5
Underground Injection	8,362,149	8,728,645	13,416,122	17,634,376	9,272,227	110.9
Landfills/Surface Impoundments	242,973,056	209,055,533	336,957,026	291,997,384	49,024,328	20.2
Land Treatment	2,219,231	514,928	1,904,179	1,810,473	-408,758	-18.4
Other Land Disposal	9,156,695	12,986,892	7,512,731	8,687,326	-469,369	-5.1
Other Off-site Management	35,675,928	8,480,494	5,687,802	4,534,524	-31,141,404	-87.3
Transfers to Waste Broker for Disposal	26,903,734	11,910,403	6,653,068	8,769,576	-18,134,158	-67.4
Unknown	8,985,214	3,053,509	3,658,873	3,470,883	-5,514,331	-61.4
Total Off-site Disposal or Other Releases	**388,183,732**	**388,809,537**	**490,774,014**	**399,934,588**	**11,750,856**	**3.0**
Total On-site and Off-site Disposal or Other Releases	**3,006,604,040**	**1,731,171,713**	**1,189,868,409**	**1,064,610,331**	**-1,941,993,709**	**-64.6**

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information). For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/triprogram/FactorsToConPDF.pdf.
On-site Disposal or Other Releases include Fugitive or Non-point Air Emissions (5.1), Stack or Point Air Emissions (5.2), Surface Water Discharges (5.3), Underground Injection (Section 5.4), Landfills (5.5.1), Land Treatment (5.5.2), Surface Impoundments (5.5.3) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection (M71, M81, M82), Landfills/Surface Impoundments (M63, M64, M65, M66, M67, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), Land Treatment (M73), Other Land Disposal (M79), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1 Transfers to POTWs (metals and metal category compounds only).

Does not include delisted chemicals, chemicals added in 1990, 1994 and 1995, aluminum oxide, ammonia, hydrochloric acid, PBT chemicals, sulfuric acid, vanadium and vanadium compounds.

TRI On-site and Off-site Disposal or Other Releases, by Industry, 2008

NAICS Code	Industry	On-site Disposal or Other Releases: On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills: Class I Wells (Pounds)	RCRA Subtitle C Landfills (Pounds)	Other On-site Landfills (Pounds)	Subtotal (Pounds)	Other On-site Disposal or Other Releases: Fugitive Air Emissions (Pounds)	Point Source Air Emissions (Pounds)	Surface Water Discharges (Pounds)	Class II-V Wells (Pounds)	Land Treatment (Pounds)	RCRA Subtitle C Surface Impoundments (Pounds)	Other Surface Impoundments (Pounds)	Other Land Disposal (Pounds)	Subtotal (Pounds)	Total On-site Disposal or Other Releases (Pounds)	Total Off-site Disposal or Other Releases (Pounds)	Total On-site and Off-site Disposal or Other Releases (Pounds)
2121	Coal Mining	4	0	5,241,231	5,241,235	587,138	92,079	626,442	52,871	5,391,761	0	271,520	1,271,407	8,293,219	13,534,455	8,256	13,542,711
2122	Metal Mining	0	0	16,934,213	16,934,213	1,301,693	2,396,406	496,446	18,023,392	7,944	3,683,213	574,880,662	537,007,191	1,137,796,945	1,154,731,158	2,978,100	1,157,709,258
2211	Electric Utilities	2,152	15,546	161,338,820	161,356,518	1,143,009	523,468,546	5,430,149	4	4,096,298	118,125	107,429,550	16,744,924	658,430,604	819,787,122	84,970,255	904,757,377
311/312	Food/Beverages/Tobacco	157,816	5,272	76,828	239,916	15,000,029	31,794,260	96,269,384	23,150	12,986,922	118,833	117,331	1,409,298	157,719,206	157,959,122	8,825,402	166,784,524
313/314	Textiles	0	0	0	0	285,222	1,140,498	149,395	0	99,743	0	127,185	3,140	1,805,183	1,805,183	636,171	2,441,354
315	Apparel	0	0	0	0	468	1,310	0	0	0	0	0	0	1,778	1,778	10,417	12,195
316	Leather	203	33,459	0	33,662	115,636	206,499	8,018	0	0	0	0	1,005	331,157	364,819	899,390	1,264,209
321	Wood Products	0	266	231,223	231,490	1,544,491	11,545,400	15,430	0	13,031	5	4,137	6,406	13,128,900	13,360,389	1,006,716	14,367,105
322	Paper	0	354,503	16,815,120	17,169,623	26,680,534	112,673,673	17,397,952	0	879,122	87,662	3,610,586	253,737	161,583,266	178,752,889	7,355,125	186,108,014
323/51	Printing and Publishing	0	0	0	0	5,804,292	4,166,720	916	0	0	0	0	11	9,971,939	9,971,939	283,609	10,255,548
324	Petroleum	2,090,571	50	3,763	2,094,384	12,084,366	29,050,961	25,229,575	34,648	60,187	57	30,641	44,533	66,534,968	68,629,352	4,202,940	72,832,292
325	Chemicals	150,191,919	379,391	39,997,429	190,568,740	47,638,726	118,683,616	36,925,700	20,711	600,561	231,888	13,477,411	11,445,532	229,024,146	419,592,886	48,357,153	467,950,038
326	Plastics and Rubber	0	285,898	4,493	290,391	7,817,432	30,547,941	140,363	5	232	0	2,352	481	38,508,805	38,799,196	10,350,870	49,150,066
327	Stone/Clay/Glass	3,300	671	353,689	357,660	1,039,013	17,190,200	2,749,020	0	1,089	1,152	77,126	868,287	21,925,887	22,283,547	3,072,104	25,355,651
32731	Cement	0	20,824	1,497,045	1,517,869	58,758	7,340,762	2,057	0	0	0	20	68,466	7,470,063	8,987,932	114,729	9,102,661
331	Primary Metals	921,743	560,173	40,028,879	41,510,795	8,766,586	32,226,463	39,732,120	5	21,663	0	30,220,747	40,915,441	151,883,025	193,393,820	247,233,908	440,627,728
332	Fabricated Metals	0	5	2,279,111	2,279,116	9,719,508	17,373,631	1,833,405	0	5,792	0	204	45,750	28,978,291	31,257,407	23,254,289	54,511,696
333	Machinery	0	0	9,497	9,497	4,477,894	2,803,456	51,716	0	9	0	0	43,601	7,376,676	7,386,173	2,473,852	9,860,025
334	Computers/Electronic Products	0	5	10	15	556,838	1,572,152	2,879,814	0	0	0	0	2,193	5,010,997	5,011,012	2,737,243	7,748,255
335	Electrical Equipment	0	31	23,383	23,413	755,729	2,007,896	6,282	0	0	0	6,415	1,460	2,777,781	2,801,195	4,183,631	6,984,826
336	Transportation Equipment	0	50,994	446,203	497,197	8,995,192	21,476,878	173,950	0	17	0	1,861	38,598	30,686,496	31,183,693	7,207,805	38,391,498
337	Furniture	0	0	0	0	830,245	5,841,012	18	1	550	0	0	284	6,672,109	6,672,109	187,856	6,859,965
339	Miscellaneous Manufacturing	0	253	15	268	580,937	2,637,129	1,097	0	0	0	0	1,500	3,220,663	3,220,932	2,038,233	5,259,165
4246	Chemical Wholesalers	0	0	0	0	723,152	474,836	438	0	0	0	0	26	1,198,452	1,198,452	389,278	1,587,730
4247	Petroleum Bulk Terminals	0	0	0	0	4,032,497	1,004,595	14,322	1	0	0	2	4,477	5,055,894	5,055,894	137,994	5,193,889
562	Hazardous Waste Management	15,283,394	121,234,005	3,732,932	140,250,331	339,611	226,072	27,513	0	0	2,574	522,584	1,648,396	2,766,750	143,017,081	24,132,134	167,149,215
	No TRI NAICS Code	0	19,900	2,414,450	2,434,350	1,015,030	1,023,335	16,645,310	40,606	566,077	2,480	1,404,229	10,524,252	31,221,319	33,655,668	1,877,016	35,532,684
	Total	**168,651,102**	**122,961,247**	**291,428,334**	**583,040,683**	**161,894,025**	**978,966,325**	**246,806,831**	**18,195,394**	**24,730,998**	**4,245,989**	**732,184,561**	**622,350,397**	**2,789,374,520**	**3,372,415,203**	**488,924,477**	**3,861,339,680**

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/triprogram/FactorsToConPDF.pdf**.**

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

Does not include Off-site Disposal or Other Releases transferred to other TRI facilities that reported the amounts as on-site disposal or other releases.

11/19/09

TRI On-site and Off-site Disposal or Other Releases, by Industry, 2008: The 10 Industries with Largest Total On-site Disposal or Other Releases

NAICS Code	Industry	On-site Disposal or Other Releases: On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills: Class I Wells (Pounds)	RCRA Subtitle C Landfills (Pounds)	Other On-site Landfills (Pounds)	Subtotal (Pounds)	Other On-site Disposal or Other Releases: Fugitive Air Emissions (Pounds)	Point Source Air Emissions (Pounds)	Surface Water Discharges (Pounds)	Class II-V Wells (Pounds)	Land Treatment (Pounds)	RCRA Subtitle C Surface Impoundments (Pounds)	Other Surface Impoundments (Pounds)	Other Land Disposal (Pounds)	Subtotal (Pounds)	Total On-site Disposal or Other Releases (Pounds)	Total Off-site Disposal or Other Releases (Pounds)	Total On-site and Off-site Disposal or Other Releases (Pounds)
2122	Metal Mining	0	0	16,934,213	16,934,213	1,301,693	2,396,406	496,446	18,023,392	7,944	3,683,213	574,880,662	537,007,191	1,137,796,945	1,154,731,158	2,996,746	1,157,727,904
2211	Electric Utilities	2,152	15,546	161,338,820	161,356,518	1,143,009	523,468,546	5,430,149	4	4,096,298	118,125	107,429,550	16,744,924	658,430,604	819,787,122	90,120,676	909,907,798
325	Chemicals	150,191,919	379,391	39,997,429	190,568,740	47,638,726	118,683,616	36,925,700	20,711	600,561	231,888	13,477,411	11,445,532	229,024,146	419,592,886	60,960,377	480,553,263
331	Primary Metals	921,743	560,173	40,028,879	41,510,795	8,766,586	32,226,463	39,732,120	5	21,663	0	30,220,747	40,915,441	151,883,025	193,393,820	308,607,217	502,001,037
322	Paper	0	354,503	16,815,120	17,169,623	26,680,534	112,673,673	17,397,952	0	879,122	87,662	3,610,586	253,737	161,583,266	178,752,889	7,359,511	186,112,400
311/312	Food/Beverages/Tobacco	157,816	5,272	76,828	239,916	15,000,029	31,794,260	96,269,384	23,150	12,986,922	118,833	117,331	1,409,298	157,719,206	157,959,122	8,826,385	166,785,507
562	Hazardous Waste Management	15,283,394	121,234,005	3,732,932	140,250,331	339,611	226,072	27,513	0	0	2,574	522,584	1,648,396	2,766,750	143,017,081	26,217,364	169,234,445
324	Petroleum	2,090,571	50	3,763	2,094,384	12,084,366	29,050,961	25,229,575	34,648	60,187	57	30,641	44,533	66,534,968	68,629,352	4,578,488	73,207,840
326	Plastics and Rubber	0	285,898	4,493	290,391	7,817,432	30,547,941	140,363	5	232	0	2,352	481	38,508,805	38,799,196	10,408,265	49,207,460
	No TRI NAICS Code	0	19,900	2,414,450	2,434,350	1,015,030	1,023,335	16,645,310	40,606	566,077	2,480	1,404,229	10,524,252	31,221,319	33,655,668	2,032,844	35,688,513

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/triprogram/FactorsToConPDF.pdf**.**

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

TRI On-site and Off-site Disposal or Other Releases, by Industry, 2008: The 10 Industries with Largest Total Off-site Disposal or Other Releases

NAICS Code Industry	Total On-site Disposal or Other Releases	Off-site Disposal or Other Releases																		
		Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other Off-site Disposal or Other Releases														
		Class I Wells	RCRA Subtitle C Landfills	Other Landfills	Subtotal	Storage Only	Solidification/ Stabilization (Metals and Metal Category Compounds Only)	Wastewater Treatment (Excluding POTWs) (Metals and Metal Category Compounds Only)	Transfers to POTWs (Metals and Metal Category Compounds Only)	Class II-V Wells	RCRA Subtitle C Surface Impoundments	Other Surface Impoundments	Land Treatment	Other Land Disposal	Other Off-site Management	Transfers to Waste Broker for Disposal	Unknown	Subtotal	Total Off-site Disposal or Other Releases	Total On-site and Off-site Disposal or Other Releases
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
331 Primary Metals	193,393,820	2,482,927	90,527,133	154,508,961	247,519,022	2,590,997	48,575,140	478,901	195,975	7,491	62,185	168,297	157,347	3,929,184	838,760	3,627,113	456,806	61,088,195	308,607,217	502,001,037
2211 Electric Utilities	819,787,122	28	580,546	35,099,973	35,680,547	2,945,097	261,107	865	2,976	0	0	2,645,843	2,115,253	33,785,149	4,327,308	8,241,531	114,999	54,440,128	90,120,676	909,907,798
325 Chemicals	419,592,886	12,398,431	6,292,989	22,270,958	40,962,378	1,811,491	3,569,045	2,201,965	275,889	56,557	0	45,947	2,427,394	1,679,258	3,390,792	2,628,632	1,911,031	19,998,000	60,960,377	480,553,263
562 Hazardous Waste Management	143,017,081	561,393	9,300,920	11,886,564	21,748,876	35,214	1,743,202	690,286	1,943	0	0	0	0	6,139	502,796	1,340,030	148,877	4,468,488	26,217,364	169,234,445
332 Fabricated Metals	31,257,407	5,953,296	1,668,890	10,340,441	17,962,628	174,265	4,052,525	327,184	75,505	17,257	23,283	94,864	130,203	289,513	623,951	924,804	337,029	7,070,383	25,033,011	56,290,418
326 Plastics and Rubber	38,799,196	9	214,250	8,085,984	8,300,243	27,582	116,710	4,639	23,028	0	119	12,177	235,881	416,298	508,004	749,515	14,069	2,108,022	10,408,265	49,207,460
311/312 Food/Beverages/Tobacco	157,959,122	0	42,059	656,260	698,319	32,276	162,569	4,626	13,337	0	2,349	820	3,647,463	3,427,351	291,189	22,329	523,757	8,128,066	8,826,385	166,785,507
336 Transportation Equipment	31,183,693	164,941	696,049	3,930,596	4,791,585	68,645	968,128	270,482	74,767	3,064	15,637	50,032	89,150	612,322	231,443	439,240	149,756	2,972,666	7,764,251	38,947,944
322 Paper	178,752,889	0	643,573	4,839,674	5,483,247	43,680	1,339	74,927	145,354	0	0	561,891	718,805	59,211	251,743	13,758	5,557	1,876,264	7,359,511	186,112,400
324 Petroleum	68,629,352	74,594	1,545,388	1,728,354	3,348,336	8,548	357,828	23,357	125,718	201,383	344	1	61,154	41,102	210,758	25,310	174,650	1,230,152	4,578,488	73,207,840

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

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Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

TRI On-site and Off-site Disposal or Other Releases, by State, 2008

State	On-site Disposal or Other Releases: On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other On-site Disposal or Other Releases									Total On-site Disposal or Other Releases	Total Off-site Disposal or Other Releases	Total On-site and Off-site Disposal or Other Releases
	Class I Wells	RCRA Subtitle C Landfills	Other On-site Landfills	Subtotal	Fugitive Air Emissions	Point Source Air Emissions	Surface Water Discharges	Class II-V Wells	Land Treatment	RCRA Subtitle C Surface Impoundments	Other Surface Impoundments	Other Land Disposal	Subtotal			
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
Alabama	0	8,190,388	11,271,808	19,462,196	7,568,232	32,445,072	9,107,130	34,026	105,979	0	17,778,628	262,756	67,301,823	86,764,019	26,583,380	113,347,399
Alaska	0	0	210,548	210,548	418,231	169,842	3,798	18,010,157	0	0	221,709,556	327,031,453	567,343,038	567,553,586	233,251	567,786,837
American Samoa	0	0	0	0	0	6	0	0	0	0	0	0	6	6	0	6
Arizona	0	0	20,000,782	20,000,782	934,309	2,645,274	58,877	5	194,699	0	17,799,809	52,189,453	73,822,426	93,823,208	1,296,807	95,120,014
Arkansas	4,295,916	47,676	5,079,337	9,422,929	3,815,618	12,358,148	6,517,943	14,556	612,420	66,167	2,065,802	1,572,013	27,022,666	36,445,595	4,070,489	40,516,084
California	33,732	17,620,239	96,961	17,750,932	2,507,723	9,963,405	2,227,272	71,075	518,163	52	1,156	5,483,308	20,772,153	38,523,085	3,763,430	42,286,514
Colorado	0	253	5,316,754	5,317,007	649,196	2,196,316	2,645,767	0	58,211	0	3,649,766	2,644,938	11,844,195	17,161,202	4,436,998	21,598,200
Connecticut	0	0	488	488	539,173	1,664,457	249,953	0	0	0	7	3,394	2,456,984	2,457,472	1,533,718	3,991,190
Delaware	0	0	844,150	844,150	184,088	5,570,733	2,796,686	0	31,191	0	1,973	8,662	8,593,333	9,437,483	3,129,306	12,566,789
District of Columbia	0	0	0	0	1,214	0	5,686	0	0	0	61,679	0	68,580	68,580	266	68,845
Florida	18,561,372	0	5,925,608	24,486,980	5,166,139	40,904,115	1,294,303	10,670	610,540	0	586,246	403,566	48,975,579	73,462,558	4,182,382	77,644,940
Georgia	0	409	1,601,409	1,601,818	8,439,186	63,024,306	11,142,777	0	442,723	21,500	16,660,431	927,584	100,658,507	102,260,325	2,320,598	104,580,923
Guam	0	0	28	28	16,574	110,127	138,443	0	0	0	18	1,264	266,425	266,453	4,550	271,004
Hawaii	0	0	0	0	247,521	2,033,777	549,838	3,471	14,045	0	0	72,346	2,920,998	2,920,998	245,176	3,166,175
Idaho	0	21,952,687	290,963	22,243,650	702,841	3,021,563	2,766,293	0	2,105,444	3,593,213	15,029,429	18,798,097	46,016,880	68,260,530	952,405	69,212,935
Illinois	2,379	15,533,057	6,619,334	22,154,771	6,045,944	31,226,794	12,492,399	0	66,910	15,720	5,587,399	1,615,886	57,051,052	79,205,823	35,900,052	115,105,875
Indiana	745,284	150,305	21,181,748	22,077,337	5,827,723	49,167,576	20,610,716	0	3,534,718	0	6,655,039	4,294,428	90,090,200	112,167,537	97,126,245	209,293,782
Iowa	0	0	5,467,925	5,467,925	3,959,679	18,392,423	4,535,052	0	958,433	0	1,541,377	91,101	29,478,066	34,945,992	8,076,632	43,022,624
Kansas	1,095,408	0	7,386,049	8,481,457	2,074,801	7,884,051	976,265	250	196,123	0	412,971	410,377	11,954,838	20,436,295	4,114,834	24,551,129
Kentucky	3,305	0	11,220,370	11,223,674	4,892,840	51,485,520	4,973,260	0	447,760	0	8,194,015	636,010	70,629,405	81,853,079	10,896,074	92,749,153
Louisiana	41,791,960	4,388,029	12,456,960	58,636,948	13,940,185	37,814,930	14,839,081	0	9,471	246	4,529,566	125,825	71,259,305	129,896,253	9,373,697	139,269,950
Maine	0	0	906,321	906,321	1,172,380	3,415,410	3,541,975	0	0	0	0	17,611	8,147,376	9,053,697	1,322,260	10,375,957
Maryland	0	28	2,182,234	2,182,263	361,231	40,227,697	2,518,053	20,662	613,820	0	11,101	21,422	43,773,986	45,956,248	3,972,344	49,928,592
Massachusetts	0	0	9,218	9,218	729,476	3,070,581	7,745	0	1,508	0	20,627	14,605	3,844,543	3,853,760	1,905,157	5,758,917
Michigan	371,212	2,440,881	10,111,231	12,923,324	2,429,211	42,837,921	2,314,242	0	750	0	6,397,084	754,219	54,733,426	67,656,750	27,998,828	95,655,578
Minnesota	0	0	6,757,016	6,757,016	2,750,885	8,072,334	1,810,604	0	61,892	0	2,374,558	1,323,824	16,394,098	23,151,114	2,960,164	26,111,278
Mississippi	11,302,298	0	13,987,145	25,289,443	3,535,121	15,785,054	9,138,795	0	0	33,700	10,661,881	213,401	39,367,952	64,657,395	2,999,645	67,657,039
Missouri	0	136,512	2,471,505	2,608,017	2,030,428	13,059,786	2,118,770	0	18,566	12,000	49,054,153	15,313,433	81,607,136	84,215,154	3,286,660	87,501,814
Montana	0	51	12,583,018	12,583,069	406,167	2,957,871	212,800	10,291	917	90,000	13,951,304	15,520,887	33,150,237	45,733,306	1,349,537	47,082,843
Nebraska	0	0	4,478,545	4,478,545	3,249,921	5,155,697	16,978,971	0	377,437	0	5,435	34,059	25,801,521	30,280,066	3,455,339	33,735,405
Nevada	0	3,194,606	1,737,565	4,932,171	688,345	611,096	158	0	121	0	105,920,598	88,320,644	195,540,961	200,473,132	1,808,638	202,281,770
New Hampshire	0	0	0	0	50,097	2,715,605	538	0	0	0	30,158	13	2,796,410	2,796,410	259,196	3,055,606
New Jersey	0	120,186	4,652	124,838	828,139	5,318,296	9,067,255	0	28,448	2,480	0	252,350	15,496,968	15,621,806	2,352,643	17,974,449
New Mexico	180,989	0	3,836,178	4,017,167	414,973	694,562	53,745	0	1,697,197	0	1,276,750	10,843,989	14,981,217	18,998,384	145,230	19,143,614
New York	0	1,280,389	700,124	1,980,513	1,433,548	9,769,644	6,923,999	0	2,497	0	3,120,804	1,114,145	22,364,636	24,345,149	8,177,761	32,522,910
North Carolina	0	5,302	3,049,147	3,054,449	5,745,720	51,067,188	13,167,338	0	492,624	198,664	5,092,565	5,735,722	81,499,820	84,554,269	8,314,569	92,868,838
North Dakota	0	0	2,581,395	2,581,395	274,195	4,074,899	187,696	713	389,527	0	5,879,564	1,245,395	12,051,989	14,633,384	7,908,743	22,542,127
Northern Mariana Isla	0	0	0	0	2,070	3,466	0	0	0	0	2	32	5,570	5,570	0	5,570
Ohio	22,940,948	28,850,521	17,289,457	69,080,926	7,524,362	82,609,790	8,504,345	0	1,079,689	100,045	11,467,995	416,486	111,702,712	180,783,638	43,237,976	224,021,614
Oklahoma	2,028	8,887,119	1,258,521	10,147,668	3,172,677	10,571,215	3,998,824	0	13,267	0	434,649	1,196,383	19,387,015	29,534,683	3,893,579	33,428,262
Oregon	0	1,636,917	3,266,700	4,903,617	1,360,508	8,053,351	2,706,229	5	226,067	2,523	6,204	238,256	12,593,144	17,496,761	1,356,089	18,852,850
Pennsylvania	0	1,819	6,972,241	6,974,060	4,831,774	68,902,699	10,752,505	0	27,690	5	549,055	4,250,776	89,314,504	96,288,564	54,444,648	150,733,212
Puerto Rico	0	0	1	1	598,347	4,046,638	14,707	0	0	0	0	10,411	4,670,104	4,670,105	534,729	5,204,834
Rhode Island	0	0	0	0	78,061	118,211	8,048	0	0	0	0	1,366	205,686	205,686	227,370	433,056
South Carolina	0	50,998	5,992,768	6,043,766	6,411,399	35,701,927	3,584,366	0	144,202	6,504	3,555,729	500,897	49,905,024	55,948,790	9,066,094	65,014,884
South Dakota	0	0	3,292,934	3,292,934	632,056	928,365	2,107,808	2,944	0	0	17,460	34,165	3,722,799	7,015,732	627,822	7,643,554
Tennessee	0	22,879	17,814,229	17,837,108	7,671,336	35,518,515	5,490,012	0	20,250	0	26,930,971	1,914,070	77,545,153	95,382,261	16,931,346	112,313,607
Texas	61,507,267	3,412,481	21,678,530	86,598,279	23,833,392	45,265,379	15,129,805	5,904	7,669,508	57	4,205,387	1,251,181	97,360,613	183,958,891	23,148,775	207,107,666
Utah	0	5,008,380	8,465,363	13,473,744	2,204,821	6,959,539	92,184	0	159,124	0	141,785,531	47,669,290	198,870,489	212,344,233	2,621,980	214,966,213
Vermont	0	0	0	0	25,622	9,346	133,967	0	0	0	0	26,541	195,476	195,476	142,190	337,666
Virgin Islands	0	0	0	0	131,466	463,937	193,004	0	155	0	0	6,111	794,673	794,673	23,153	817,826
Virginia	0	22	2,270,117	2,270,139	3,725,007	30,785,020	20,428,208	0	3,838	0	1,381,525	505,757	56,829,356	59,099,494	5,724,732	64,824,226
Washington	0	20,004	2,468,608	2,488,612	1,294,353	6,246,903	1,388,623	0	205,627	0	12,099,625	1,211,763	22,446,894	24,935,506	5,724,048	30,659,554
West Virginia	0	5,968	7,655,057	7,661,025	1,962,327	44,536,762	2,054,849	10,665	1,308,999	0	2,575,819	4,566,946	57,016,366	64,677,391	7,159,195	71,836,586
Wisconsin	0	587	3,003,166	3,003,753	1,777,977	15,722,823	4,232,261	0	280,114	101,113	20,777	1,235,539	23,370,602	26,374,355	16,419,777	42,794,132
Wyoming	5,817,004	2,554	9,634,125	15,453,684	625,416	1,610,362	12,867	0	335	2,000	1,092,385	16,243	3,359,608	18,813,292	1,183,969	19,997,261
Total	**168,651,102**	**122,961,247**	**291,428,334**	**583,040,683**	**161,894,025**	**978,966,325**	**246,806,831**	**18,195,394**	**24,730,998**	**4,245,989**	**732,184,561**	**622,350,397**	**2,789,374,520**	**3,372,415,203**	**488,924,477**	**3,861,339,680**

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/triprogram/FactorsToConPDF.pdf.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

Does not include Off-site Disposal or Other Releases transferred to other TRI facilities that reported the amounts as on-site disposal or other releases.

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The 20 Counties with Largest TRI On-site and Off-site Disposal or Other Releases, 2008

					On-site Disposal or Other Releases													
					On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other On-site Disposal or Other Releases									
County	**State**	**Total Facilities** Number	**Total Forms** Number	**Form As** Number	**Class I Wells** Pounds	**RCRA Subtitle C Landfills** Pounds	**Other On-site Landfills** Pounds	**Subtotal** Pounds	**Fugitive Air Emissions** Pounds	**Point Source Air Emissions** Pounds	**Surface Water Discharges** Pounds	**Class II-V Wells** Pounds	**Land Treatment** Pounds	**RCRA Subtitle C Surface Impoundments** Pounds	**Other Surface Impoundments** Pounds	**Other Land Disposal** Pounds	**Subtotal** Pounds	**Total On-site Disposal or Other Releases** Pounds
Northwest Arctic	AK	2	16	1	0	0	0	0	279,560	4,098	1,546	0	0	0	219,889,807	297,028,550	517,203,561	517,203,561
Salt Lake	UT	61	234	14	0	0	85,765	85,765	223,399	417,694	91,937	0	7,888	0	139,763,290	47,567,751	188,071,958	188,157,724
Lander	NV	3	32	0	0	0	846	846	76,546	152,697	0	0	28	0	6,795,450	57,192,023	64,216,743	64,217,589
Gila	AZ	6	46	0	0	0	11,726	11,726	259,852	354,233	1,277	0	0	0	1,614,397	49,466,925	51,696,683	51,708,409
Elko	NV	6	55	0	0	0	40,724	40,724	76,372	29,935	0	0	0	0	44,254,474	6,909,557	51,270,338	51,311,061
Juneau	AK	2	14	3	0	0	0	0	593	18,877	541	18,010,157	0	0	0	25,974,139	44,004,307	44,004,307
Harris	TX	350	2,259	228	8,221,178	167,740	398	8,389,316	5,824,207	8,803,260	3,501,407	5,904	3,115	0	226,579	3,286	18,367,759	26,757,075
Humboldt	NV	9	52	0	0	0	776,579	776,579	28,841	290,992	147	0	0	0	30,126,816	3,401,821	33,848,617	34,625,196
Lake	IN	57	369	7	0	0	10,066,687	10,066,687	544,224	4,183,796	1,623,683	0	0	0	0	12,509	6,364,213	16,430,900
Montgomery	IN	8	43	4	0	0	0	0	77,247	81,352	273	0	0	0	0	0	158,873	158,873
De Kalb	IN	23	85	3	0	0	0	0	229,912	297,411	18	0	0	0	0	0	527,341	527,341
Lucas	OH	51	297	20	0	28,565,210	646,403	29,211,613	411,297	1,510,541	69,289	0	0	0	0	19	1,991,147	31,202,760
Wayne	MI	117	688	53	0	2,315,209	0	2,315,209	521,303	5,613,166	81,228	0	0	0	0	2,302	6,217,999	8,533,208
Shoshone	ID	6	30	0	0	0	0	0	20,558	10,520	101,550	0	0	3,593,213	14,258,463	12,364,505	30,348,810	30,348,810
Eureka	NV	4	43	0	0	0	74,998	74,998	33,581	13,724	0	0	18	0	23,259,621	5,237,338	28,544,282	28,619,280
Jefferson	OH	8	65	0	0	0	42,564	42,564	64,953	11,592,077	212,545	0	220,546	0	1,522,542	50	13,612,713	13,655,277
Harrison	MS	10	54	7	11,302,298	0	12,951,740	24,254,038	54,832	2,959,761	8,502	0	0	0	95,123	23	3,118,240	27,372,278
Brazoria	TX	35	428	10	19,182,492	103,269	48,509	19,334,270	2,374,844	3,009,909	1,691,320	0	5	0	5,865	0	7,081,944	26,416,214
Iron	MO	3	14	3	0	0	0	0	44,913	3,572	36,165	0	0	0	22,128,000	3,188,000	25,400,650	25,400,650
Spencer	IN	4	31	0	0	0	3,137,928	3,137,928	1,045	3,043,304	18,038,494	0	0	0	554,084	55	21,636,982	24,774,910

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/triprogram/FactorsToConPDF.pdf.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

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The 20 Counties with Largest TRI On-site and Off-site Disposal or Other Releases, 2008

		Off-site Disposal or Other Releases																		
		Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other Off-site Disposal or Other Releases														
County	State	Class I Wells	RCRA Subtitle C Landfills	Other Landfills	Subtotal	Storage Only	Solidification/ Stabilization (Metals and Metal Category Compounds Only)	Wastewater Treatment (Excluding POTWs) (Metals and Metal Category Compounds Only)	Transfers to POTWs (Metals and Metal Category Compounds Only)	Class II-V Wells	RCRA Subtitle C Surface Impoundments	Other Surface Impoundments	Land Treatment	Other Land Disposal	Other Off-site Management	Transfers to Waste Broker for Disposal	Unknown	Subtotal	Total Off-site Disposal or Other Releases	Total On-site and Off-site Disposal or Other Releases
		Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
Northwest Arctic	AK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11	11	517,203,572
Salt Lake	UT	0	120,172	15,864	136,036	0	281,040	0	958	0	0	0	1,464	533,319	561	887	15	818,244	954,280	189,112,004
Lander	NV	0	47	0	47	0	0	0	0	0	0	0	8	0	1,194	0	0	1,202	1,249	64,218,838
Gila	AZ	0	231	0	231	0	11	0	6,894	0	0	0	0	930,820	4	0	0	937,728	937,959	52,646,368
Elko	NV	0	1,252	0	1,252	0	0	0	0	0	0	0	0	0	0	0	0	0	1,252	51,312,313
Juneau	AK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44,004,307
Harris	TX	2,063,244	152,133	7,974,743	10,190,119	461,489	109,143	2,806	13,888	1,700	0	0	0	17,632	295,979	306,729	129,994	1,339,360	11,529,480	38,286,555
Humboldt	NV	0	510	26	536	0	0	0	0	0	0	0	0	0	0	6	32	38	575	34,625,770
Lake	IN	343	187,731	14,227,744	14,415,818	0	3,230,433	59,256	227	0	0	0	0	0	16,236	41	564	3,306,758	17,722,576	34,153,476
Montgomery	IN	0	0	32,358,777	32,358,777	0	715,271	197,698	45	0	0	12,018	49	0	8,872	542	0	934,493	33,293,270	33,452,143
De Kalb	IN	15,151	31,439,627	267,764	31,722,542	0	60	2	87	0	0	0	0	0	881	104,064	22,898	127,993	31,850,535	32,377,876
Lucas	OH	10	1,899	252,077	253,986	355	30,936	16,508	1,477	0	0	0	0	0	1,428	369,548	7,004	427,256	681,242	31,884,001
Wayne	MI	97,959	253,765	21,586,046	21,937,770	2,251	411,801	110,167	9,107	0	0	0	1,811	27,842	60,825	19,487	35,401	678,693	22,616,463	31,149,671
Shoshone	ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30,348,810
Eureka	NV	0	840	0	840	0	0	0	0	0	0	0	0	0	542	0	0	542	1,382	28,620,662
Jefferson	OH	0	11,863,964	2,657,100	14,521,064	0	0	0	0	0	0	0	0	0	0	261	0	261	14,521,325	28,176,603
Harrison	MS	0	2,630	30	2,660	0	0	0	0	0	0	0	0	0	0	0	0	0	2,660	27,374,938
Brazoria	TX	2,423	190,728	37,131	230,282	0	38,213	1,161	0	3,355	0	0	0	0	605	19,654	35,795	98,782	329,064	26,745,278
Iron	MO	0	0	1,251,367	1,251,367	0	0	0	0	0	0	0	0	0	0	0	0	0	1,251,367	26,652,017
Spencer	IN	0	0	1,067,656	1,067,656	0	0	0	0	0	0	0	0	0	0	0	4,660	4,660	1,072,316	25,847,226

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).
For more detailed information on this subject refer to The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data document at www.epa.gov/tri/triprogram/FactorsToConPDF.pdf.
Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

The 20 Counties with Largest TRI On-site and Off-site Disposal or Other Releases, not including Class I Underground Injection Wells, RCRA Subtitle C Landfills and Other Landfills, 2008

					On-site Disposal or Other Releases													
					On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other On-site Disposal or Other Releases									
County	**State**	**Total Facilities** Number	**Total Forms** Number	**Form As** Number	**Class I Wells** Pounds	**RCRA Subtitle C Landfills** Pounds	**Other On-site Landfills** Pounds	**Subtotal** Pounds	**Fugitive Air Emissions** Pounds	**Point Source Air Emissions** Pounds	**Surface Water Discharges** Pounds	**Class II-V Wells** Pounds	**Land Treatment** Pounds	**RCRA Subtitle C Surface Impoundments** Pounds	**Other Surface Impoundments** Pounds	**Other Land Disposal** Pounds	**Subtotal** Pounds	**Total On-site Disposal or Other Releases** Pounds
Northwest Arctic	AK	2	16	1	0	0	0	0	279,560	4,098	1,546	0	0	0	219,889,807	297,028,550	517,203,561	517,203,561
Salt Lake	UT	61	234	14	0	0	85,765	85,765	223,399	417,694	91,937	0	7,888	0	139,763,290	47,567,751	188,071,958	188,157,724
Lander	NV	3	32	0	0	0	846	846	76,546	152,697	0	0	28	0	6,795,450	57,192,023	64,216,743	64,217,589
Gila	AZ	6	46	0	0	0	11,726	11,726	259,852	354,233	1,277	0	0	0	1,614,397	49,466,925	51,696,683	51,708,409
Elko	NV	6	55	0	0	0	40,724	40,724	76,372	29,935	0	0	0	0	44,254,474	6,909,557	51,270,338	51,311,061
Juneau	AK	2	14	3	0	0	0	0	593	18,877	541	18,010,157	0	0	0	25,974,139	44,004,307	44,004,307
Humboldt	NV	9	52	0	0	0	776,579	776,579	28,841	290,992	147	0	0	0	30,126,816	3,401,821	33,848,617	34,625,196
Montgomery	IN	8	43	4	0	0	0	0	77,247	81,352	273	0	0	0	0	0	158,873	158,873
De Kalb	IN	23	85	3	0	0	0	0	229,912	297,411	18	0	0	0	0	0	527,341	527,341
Shoshone	ID	6	30	0	0	0	0	0	20,558	10,520	101,550	0	0	3,593,213	14,258,463	12,364,505	30,348,810	30,348,810
Harris	TX	350	2,259	228	8,221,178	167,740	398	8,389,316	5,824,207	8,803,260	3,501,407	5,904	3,115	0	226,579	3,286	18,367,759	26,757,075
Wayne	MI	117	688	53	0	2,315,209	0	2,315,209	521,303	5,613,166	81,228	0	0	0	0	2,302	6,217,999	8,533,208
Eureka	NV	4	43	0	0	0	74,998	74,998	33,581	13,724	0	0	18	0	23,259,621	5,237,338	28,544,282	28,619,280
Jefferson	OH	8	65	0	0	0	42,564	42,564	64,953	11,592,077	212,545	0	220,546	0	1,522,542	50	13,612,713	13,655,277
Iron	MO	3	14	3	0	0	0	0	44,913	3,572	36,165	0	0	0	22,128,000	3,188,000	25,400,650	25,400,650
Beaver	PA	39	223	11	0	0	0	0	126,786	1,384,880	716,535	0	0	0	0	0	2,228,201	2,228,201
Lake	IN	57	369	7	0	0	10,066,687	10,066,687	544,224	4,183,796	1,623,683	0	0	0	0	12,509	6,364,213	16,430,900
Monroe	MI	17	90	6	0	0	152,411	152,411	24,784	17,117,544	29,878	0	0	0	5,438,095	60,237	22,670,539	22,822,949
Spencer	IN	4	31	0	0	0	3,137,928	3,137,928	1,045	3,043,304	18,038,494	0	0	0	554,084	55	21,636,982	24,774,910
Reynolds	MO	4	12	0	0	0	0	0	40,998	2,463	20,758	0	0	0	22,398,000	0	22,462,219	22,462,219

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/triprogram/FactorsToConPDF.pdf.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

The 20 Counties with Largest TRI On-site and Off-site Disposal or Other Releases, not including Class I Underground Injection Wells, RCRA Subtitle C Landfills and Other Landfills, 2008

		Off-site Disposal or Other Releases																			
		Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other Off-site Disposal or Other Releases															
County	**State**	**Class I Wells** Pounds	**RCRA Subtitle C Landfills** Pounds	**Other Landfills** Pounds	**Subtotal** Pounds	**Storage Only** Pounds	**Solidification/ Stabilization (Metals and Metal Category Compounds Only)** Pounds	**Wastewater Treatment (Excluding POTWs) (Metals and Metal Category Compounds Only)** Pounds	**Transfers to POTWs (Metals and Metal Category Compounds Only)** Pounds	**Class II-V Wells** Pounds	**RCRA Subtitle C Surface Impoundments** Pounds	**Other Surface Impoundments** Pounds	**Land Treatment** Pounds	**Other Land Disposal** Pounds	**Other Off-site Management** Pounds	**Transfers to Waste Broker for Disposal** Pounds	**Unknown** Pounds	**Subtotal** Pounds	**Total Off-site Disposal or Other Releases** Pounds	**Total On-site and Off-site Disposal or Other Releases** Pounds	**Total On-site Disposal or Other Releases not including Class I Underground Injection Wells, RCRA Subtitle C Landfills and Other Landfills** Pounds
Northwest Arctic	AK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11	11	517,203,572	517,203,572
Salt Lake	UT	0	120,172	15,864	136,036	0	281,040	0	958	0	0	0	1,464	533,319	561	887	15	818,244	954,280	189,112,004	189,026,239
Lander	NV	0	47	0	47	0	0	0	0	0	0	0	8	0	1,194	0	0	1,202	1,249	64,218,838	64,217,992
Gila	AZ	0	231	0	231	0	11	0	6,894	0	0	0	0	930,820	4	0	0	937,728	937,959	52,646,368	52,634,642
Elko	NV	0	1,252	0	1,252	0	0	0	0	0	0	0	0	0	0	0	0	0	1,252	51,312,313	51,271,590
Juneau	AK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44,004,307	44,004,307
Humboldt	NV	0	510	26	536	0	0	0	0	0	0	0	0	0	0	6	32	38	575	34,625,770	33,849,192
Montgomery	IN	0	0	32,358,777	32,358,777	0	715,271	197,698	45	0	0	12,018	49	0	8,872	542	0	934,493	33,293,270	33,452,143	33,452,143
De Kalb	IN	15,151	31,439,627	267,764	31,722,542	0	60	2	87	0	0	0	0	0	881	104,064	22,898	127,993	31,850,535	32,377,876	32,377,876
Shoshone	ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30,348,810	30,348,810
Harris	TX	2,063,244	152,133	7,974,743	10,190,119	461,489	109,143	2,806	13,888	1,700	0	0	0	17,632	295,979	306,729	129,994	1,339,360	11,529,480	38,286,555	29,897,239
Wayne	MI	97,959	253,765	21,586,046	21,937,770	2,251	411,801	110,167	9,107	0	0	0	1,811	27,842	60,825	19,487	35,401	678,693	22,616,463	31,149,671	28,834,462
Eureka	NV	0	840	0	840	0	0	0	0	0	0	0	0	0	542	0	0	542	1,382	28,620,662	28,545,664
Jefferson	OH	0	11,863,964	2,657,100	14,521,064	0	0	0	0	0	0	0	0	0	0	261	0	261	14,521,325	28,176,603	28,134,039
Iron	MO	0	0	1,251,367	1,251,367	0	0	0	0	0	0	0	0	0	0	0	0	0	1,251,367	26,652,017	26,652,017
Beaver	PA	1,250	31,729	20,107,684	20,140,663	0	222,409	14,786	255	0	0	1,963,529	0	0	180	1,244	0	2,202,404	22,343,067	24,571,268	24,571,268
Lake	IN	343	187,731	14,227,744	14,415,818	0	3,230,433	59,256	227	0	0	0	0	0	16,236	41	564	3,306,758	17,722,576	34,153,476	24,086,789
Monroe	MI	0	0	56,025	56,025	0	1	25	573	0	0	0	0	0	0	10	0	609	56,633	22,879,583	22,727,172
Spencer	IN	0	0	1,067,656	1,067,656	0	0	0	0	0	0	0	0	0	0	0	4,660	4,660	1,072,316	25,847,226	22,709,298
Reynolds	MO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22,462,219	22,462,219

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).
For more detailed information on this subject refer to The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data document at www.epa.gov/tri/triprogram/FactorsToConPDF.pdf.
Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

The 20 Counties with Largest TRI On-site and Off-site Disposal or Other Releases, not including Class I Underground Injection Wells, RCRA Subtitle C Landfills and RCRA Subtitle C Surface Impoundments, 2008

					On-site Disposal or Other Releases													
					On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other On-site Disposal or Other Releases									
County	**State**	**Total Facilities** Number	**Total Forms** Number	**Form As** Number	**Class I Wells** Pounds	**RCRA Subtitle C Landfills** Pounds	**Other On-site Landfills** Pounds	**Subtotal** Pounds	**Fugitive Air Emissions** Pounds	**Point Source Air Emissions** Pounds	**Surface Water Discharges** Pounds	**Class II-V Wells** Pounds	**Land Treatment** Pounds	**RCRA Subtitle C Surface Impoundments** Pounds	**Other Surface Impoundments** Pounds	**Other Land Disposal** Pounds	**Subtotal** Pounds	**Total On-site Disposal or Other Releases** Pounds
Northwest Arctic	AK	2	16	1	0	0	0	0	279,560	4,098	1,546	0	0	0	219,889,807	297,028,550	517,203,561	517,203,561
Salt Lake	UT	61	234	14	0	0	85,765	85,765	223,399	417,694	91,937	0	7,888	0	139,763,290	47,567,751	188,071,958	188,157,724
Lander	NV	3	32	0	0	0	846	846	76,546	152,697	0	0	28	0	6,795,450	57,192,023	64,216,743	64,217,589
Gila	AZ	6	46	0	0	0	11,726	11,726	259,852	354,233	1,277	0	0	0	1,614,397	49,466,925	51,696,683	51,708,409
Elko	NV	6	55	0	0	0	40,724	40,724	76,372	29,935	0	0	0	0	44,254,474	6,909,557	51,270,338	51,311,061
Juneau	AK	2	14	3	0	0	0	0	593	18,877	541	18,010,157	0	0	0	25,974,139	44,004,307	44,004,307
Humboldt	NV	9	52	0	0	0	776,579	776,579	28,841	290,992	147	0	0	0	30,126,816	3,401,821	33,848,617	34,625,196
Lake	IN	57	369	7	0	0	10,066,687	10,066,687	544,224	4,183,796	1,623,683	0	0	0	0	12,509	6,364,213	16,430,900
Montgomery	IN	8	43	4	0	0	0	0	77,247	81,352	273	0	0	0	0	0	158,873	158,873
Eureka	NV	4	43	0	0	0	74,998	74,998	33,581	13,724	0	0	18	0	23,259,621	5,237,338	28,544,282	28,619,280
Wayne	MI	117	688	53	0	2,315,209	0	2,315,209	521,303	5,613,166	81,228	0	0	0	0	2,302	6,217,999	8,533,208
Harris	TX	350	2,259	228	8,221,178	167,740	398	8,389,316	5,824,207	8,803,260	3,501,407	5,904	3,115	0	226,579	3,286	18,367,759	26,757,075
Shoshone	ID	6	30	0	0	0	0	0	20,558	10,520	101,550	0	0	3,593,213	14,258,463	12,364,505	30,348,810	30,348,810
Iron	MO	3	14	3	0	0	0	0	44,913	3,572	36,165	0	0	0	22,128,000	3,188,000	25,400,650	25,400,650
Spencer	IN	4	31	0	0	0	3,137,928	3,137,928	1,045	3,043,304	18,038,494	0	0	0	554,084	55	21,636,982	24,774,910
Beaver	PA	39	223	11	0	0	0	0	126,786	1,384,880	716,535	0	0	0	0	0	2,228,201	2,228,201
Armstrong	PA	5	29	0	0	0	1,136,447	1,136,447	14,391	22,268,571	18,783	0	0	0	0	0	22,301,745	23,438,192
Monroe	MI	17	90	6	0	0	152,411	152,411	24,784	17,117,544	29,878	0	0	0	5,438,095	60,237	22,670,539	22,822,949
Humphreys	TN	7	65	0	0	0	11,899,707	11,899,707	554,165	6,047,782	521,423	0	0	0	0	6	7,123,376	19,023,083
Reynolds	MO	4	12	0	0	0	0	0	40,998	2,463	20,758	0	0	0	22,398,000	0	22,462,219	22,462,219

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/triprogram/FactorsToConPDF.pdf.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

The 20 Counties with Largest TRI On-site and Off-site Disposal or Other Releases, not including Class I Underground Injection Wells, RCRA Subtitle C Landfills and RCRA Subtitle C Surface Impoundments, 2008

		Off-site Disposal or Other Releases																			
		Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other Off-site Disposal or Other Releases															
County	State	Class I Wells Pounds	RCRA Subtitle C Landfills Pounds	Other Landfills Pounds	Subtotal Pounds	Storage Only Pounds	Solidification/ Stabilization (Metals and Metal Category Compounds Only) Pounds	Wastewater Treatment (Excluding POTWs) (Metals and Metal Category Compounds Only) Pounds	Transfers to POTWs (Metals and Metal Category Compounds Only) Pounds	Class II-V Wells Pounds	RCRA Subtitle C Surface Impoundments Pounds	Other Surface Impoundments Pounds	Land Treatment Pounds	Other Land Disposal Pounds	Other Off-site Management Pounds	Transfers to Waste Broker for Disposal Pounds	Unknown Pounds	Subtotal Pounds	Total Off-site Disposal or Other Releases Pounds	Total On-site and Off-site Disposal or Other Releases Pounds	Total Disposal or Other Releases not including On-site Class I Underground Injection Wells, RCRA Subtitle C Landfills and RCRA Subtitle C Surface Impoundments Pounds
Northwest Arctic	AK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11	11	517,203,572	517,203,572
Salt Lake	UT	0	120,172	15,864	136,036	0	281,040	0	958	0	0	0	1,464	533,319	561	887	15	818,244	954,280	189,112,004	188,991,831
Lander	NV	0	47	0	47	0	0	0	0	0	0	0	8	0	1,194	0	0	1,202	1,249	64,218,838	64,218,791
Gila	AZ	0	231	0	231	0	11	0	6,894	0	0	0	0	930,820	4	0	0	937,728	937,959	52,646,368	52,646,137
Elko	NV	0	1,252	0	1,252	0	0	0	0	0	0	0	0	0	0	0	0	0	1,252	51,312,313	51,311,061
Juneau	AK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44,004,307	44,004,307
Humboldt	NV	0	510	26	536	0	0	0	0	0	0	0	0	0	0	6	32	38	575	34,625,770	34,625,260
Lake	IN	343	187,731	14,227,744	14,415,818	0	3,230,433	59,256	227	0	0	0	0	0	16,236	41	564	3,306,758	17,722,576	34,153,476	33,965,402
Montgomery	IN	0	0	32,358,777	32,358,777	0	715,271	197,698	45	0	0	12,018	49	0	8,872	542	0	934,493	33,293,270	33,452,143	33,452,143
Eureka	NV	0	840	0	840	0	0	0	0	0	0	0	0	0	542	0	0	542	1,382	28,620,662	28,619,822
Wayne	MI	97,959	253,765	21,586,046	21,937,770	2,251	411,801	110,167	9,107	0	0	0	1,811	27,842	60,825	19,487	35,401	678,693	22,616,463	31,149,671	28,482,738
Harris	TX	2,063,244	152,133	7,974,743	10,190,119	461,489	109,143	2,806	13,888	1,700	0	0	0	17,632	295,979	306,729	129,994	1,339,360	11,529,480	38,286,555	27,682,260
Shoshone	ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30,348,810	26,755,597
Iron	MO	0	0	1,251,367	1,251,367	0	0	0	0	0	0	0	0	0	0	0	0	0	1,251,367	26,652,017	26,652,017
Spencer	IN	0	0	1,067,656	1,067,656	0	0	0	0	0	0	0	0	0	0	0	4,660	4,660	1,072,316	25,847,226	25,847,226
Beaver	PA	1,250	31,729	20,107,684	20,140,663	0	222,409	14,786	255	0	0	1,963,529	0	0	180	1,244	0	2,202,404	22,343,067	24,571,268	24,538,289
Armstrong	PA	0	0	37	37	0	0	0	172	0	0	0	0	0	0	0	0	172	209	23,438,401	23,438,401
Monroe	MI	0	0	56,025	56,025	0	1	25	573	0	0	0	0	0	0	10	0	609	56,633	22,879,583	22,879,583
Humphreys	TN	0	257	0	257	0	0	0	0	0	0	0	0	3,494,135	0	82,492	0	3,576,628	3,576,885	22,599,967	22,599,711
Reynolds	MO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22,462,219	22,462,219

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).
For more detailed information on this subject refer to The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data document at www.epa.gov/tri/triprogram/FactorsToConPDF.pdf.
Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

The 20 Counties with Largest Total On-site Disposal or Other Releases, 2008

			On-site Disposal or Other Releases															
			On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other On-site Disposal or Other Releases											
County	State	Total Facilities	Class I Wells	RCRA Subtitle C Landfills	Other On-site Landfills	Subtotal	Fugitive Air Emissions	Point Source Air Emissions	Surface Water Discharges	Class II-V Wells	Land Treatment	RCRA Subtitle C Surface Impoundments	Other Surface Impoundments	Other Land Disposal	Subtotal	Total On-site Disposal or Other Releases	Total Off-site Disposal or Other Releases	Total On-site and Off-site Disposal or Other Releases
		Number	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
Northwest Arctic	AK	2	0	0	0	0	279,560	4,098	1,546	0	0	0	219,889,807	297,028,550	517,203,561	517,203,561	11	517,203,572
Salt Lake	UT	61	0	0	85,765	85,765	223,399	417,694	91,937	0	7,888	0	139,763,290	47,567,751	188,071,958	188,157,724	954,280	189,112,004
Lander	NV	3	0	0	846	846	76,546	152,697	0	0	28	0	6,795,450	57,192,023	64,216,743	64,217,589	1,249	64,218,838
Gila	AZ	6	0	0	11,726	11,726	259,852	354,233	1,277	0	0	0	1,614,397	49,466,925	51,696,683	51,708,409	937,959	52,646,368
Elko	NV	6	0	0	40,724	40,724	76,372	29,935	0	0	0	0	44,254,474	6,909,557	51,270,338	51,311,061	1,252	51,312,313
Juneau	AK	2	0	0	0	0	593	18,877	541	18,010,157	0	0	0	25,974,139	44,004,307	44,004,307	0	44,004,307
Humboldt	NV	9	0	0	776,579	776,579	28,841	290,992	147	0	0	0	30,126,816	3,401,821	33,848,617	34,625,196	575	34,625,770
Lucas	OH	51	0	28,565,210	646,403	29,211,613	411,297	1,510,541	69,289	0	0	0	0	19	1,991,147	31,202,760	681,242	31,884,001
Shoshone	ID	6	0	0	0	0	20,558	10,520	101,550	0	0	3,593,213	14,258,463	12,364,505	30,348,810	30,348,810	0	30,348,810
Eureka	NV	4	0	0	74,998	74,998	33,581	13,724	0	0	18	0	23,259,621	5,237,338	28,544,282	28,619,280	1,382	28,620,662
Harrison	MS	10	11,302,298	0	12,951,740	24,254,038	54,832	2,959,761	8,502	0	0	0	95,123	23	3,118,240	27,372,278	2,660	27,374,938
Harris	TX	350	8,221,178	167,740	398	8,389,316	5,824,207	8,803,260	3,501,407	5,904	3,115	0	226,579	3,286	18,367,759	26,757,075	11,529,480	38,286,555
Brazoria	TX	35	19,182,492	103,269	48,509	19,334,270	2,374,844	3,009,909	1,691,320	0	5	0	5,865	0	7,081,944	26,416,214	329,064	26,745,278
Iron	MO	3	0	0	0	0	44,913	3,572	36,165	0	0	0	22,128,000	3,188,000	25,400,650	25,400,650	1,251,367	26,652,017
Spencer	IN	4	0	0	3,137,928	3,137,928	1,045	3,043,304	18,038,494	0	0	0	554,084	55	21,636,982	24,774,910	1,072,316	25,847,226
Escambia	FL	16	18,529,735	0	1,049,549	19,579,284	767,912	3,893,533	129,345	0	0	0	13,048	3,014	4,806,851	24,386,136	142,351	24,528,487
Armstrong	PA	5	0	0	1,136,447	1,136,447	14,391	22,268,571	18,783	0	0	0	0	0	22,301,745	23,438,192	209	23,438,401
Monroe	MI	17	0	0	152,411	152,411	24,784	17,117,544	29,878	0	0	0	5,438,095	60,237	22,670,539	22,822,949	56,633	22,879,583
Reynolds	MO	4	0	0	0	0	40,998	2,463	20,758	0	0	0	22,398,000	0	22,462,219	22,462,219	0	22,462,219
Owyhee	ID	3	0	21,952,687	0	21,952,687	332	4,353	0	0	0	0	0	0	4,685	21,957,372	65,439	22,022,811

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/triprogram/FactorsToConPDF.pdf**.**

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

11/19/09

The 50 Facilities with Largest TRI On- and Off-site Disposal or Other Releases, 2008

					On-site Disposal or Other Releases														
					On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other On-site Disposal or Other Releases										
Facility	City	State	NAICS Code	Total Forms	Class I Wells	RCRA Subtitle C Landfills	Other On-site Landfills	Subtotal	Fugitive Air Emissions	Point Source Air Emissions	Surface Water Discharges	Class II-V Wells	Land Treatment	RCRA Subtitle C Surface Impoundments	Other Surface Impoundments	Other Land Disposal	Subtotal	Total On-site Disposal or Other Releases
				Number	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
Red Dog Operations	Kotzebue	AK	2122	12	0	0	0	0	276,176	491	1,538	0	0	0	219,889,807	297,028,550	517,196,562	517,196,562
Kennecott Utah Copper Mine Concentrators & Power Plant	Copperton	UT	2122	18	0	0	85,015	85,015	5,657	8,311	4,245	0	7,888	0	118,785,247	47,545,298	166,356,645	166,441,660
Newmont Mining Corp Copper Canyon Facility	Battle Mountain	NV	2122	13	0	0	13	13	788	3,289	0	0	0	0	4,824,168	48,092,823	52,921,068	52,921,081
Barrick Goldstrike Mines Inc	Elko	NV	2122	26	0	0	6,660	6,660	30,831	28,014	0	0	0	0	43,050,644	5,747,050	48,856,539	48,863,199
Hecla Greens Creek Mining Co	Juneau	AK	2122	10	0	0	0	0	592	18,493	502	18,010,156	0	0	0	25,974,105	44,003,848	44,003,848
Nucor Steel	Crawfordsville	IN	331	12	0	0	0	0	7,158	7,817	250	0	0	0	0	0	15,225	15,225
Newmont Mining Corp Twin Creeks Mine	Golconda	NV	2122	21	0	0	4,036	4,036	9,210	77,878	147	0	0	0	30,113,330	2,069,584	32,270,149	32,274,185
Steel Dynamics Inc	Butler	IN	331	19	0	0	0	0	1,004	19,255	5	0	0	0	0	0	20,264	20,264
Envirosafe Services of Ohio Inc	Oregon	OH	562	11	0	28,565,210	0	28,565,210	474	50	0	0	0	0	0	0	524	28,565,734
Newmont Mining Corp - Carlin South Area	Carlin	NV	2122	24	0	0	2,312	2,312	17,658	1,827	0	0	18	0	23,259,100	3,551,400	26,830,004	26,832,316
Buick Mine/Mill	Boss	MO	2122	4	0	0	0	0	20,733	731	33,760	0	0	0	22,128,000	3,188,000	25,371,224	25,371,224
ASARCO LLC Ray Complex/ Hayden Smelter & Concentrator	Hayden	AZ	331	17	0	0	11,726	11,726	96,325	211,024	0	0	0	0	0	24,997,597	25,304,946	25,316,672
Freeport-McMoran Miami Inc	Claypool	AZ	2122	17	0	0	0	0	156,225	142,282	1,277	0	0	0	281,400	23,785,702	24,366,885	24,366,885
DuPont Delisle Plant	Pass Christian	MS	325	22	11,302,298	0	12,187,103	23,489,401	4,073	801,535	2,504	0	0	0	0	23	808,135	24,297,536
US Ecology Idaho Inc	Grand View	ID	562	28	0	21,952,687	0	21,952,687	332	4,353	0	0	0	0	0	0	4,685	21,957,372
RRI Energy Inc Keystone Power Plant	Shelocta	PA	2211	15	0	0	978,867	978,867	14,122	20,557,620	18,581	0	0	0	0	0	20,590,322	21,569,189
Kennecott Utah Copper Smelter & Refinery	Magna	UT	331	21	0	0	0	0	8,067	98,276	5,495	0	0	0	20,974,708	3,970	21,090,516	21,090,516
Horsehead Corp Monaca Smelter	Monaca	PA	331	14	0	0	0	0	26,326	700,144	1,838	0	0	0	0	0	728,308	728,308
Brandon Shores & Wagner Complex	Baltimore	MD	2211	29	0	0	0	0	54,372	19,606,895	2,545	0	0	0	0	0	19,663,812	19,663,812
Detroit Edison Monroe Power Plant	Monroe	MI	2211	20	0	0	0	0	5,225	14,691,263	28,627	0	0	0	5,422,457	0	20,147,573	20,147,573
Nyrstar Clarksville Inc	Clarksville	TN	2122	10	0	0	0	0	743	908,257	11,175	0	0	0	18,350,416	0	19,270,591	19,270,591
AK Steel Corp. (Rockport Works)	Rockport	IN	331	9	0	0	0	0	0	12,721	18,026,629	0	0	0	0	0	18,039,350	18,039,350
Montana Resources LLP	Butte	MT	2122	11	0	0	0	0	250	0	0	0	0	0	4,634,626	14,262,736	18,897,612	18,897,612
Solutia Inc	Cantonment	FL	325	24	18,368,478	0	0	18,368,478	19,056	100,168	0	0	0	0	0	0	119,225	18,487,703
Hecla Ltd Lucky Friday Mine Unit	Mullan	ID	2122	7	0	0	0	0	63	101	6,313	0	0	0	10,371,208	8,067,610	18,445,295	18,445,295
American Electric Power Amos Plant	Winfield	WV	2211	20	0	0	0	0	1,535	14,846,009	8,168	0	136,426	0	385,854	55	15,378,047	15,378,047
Peoria Disposal Co #1	Peoria	IL	562	14	0	15,499,390	0	15,499,390	2	0	6	0	0	0	0	0	8	15,499,398
Solutia Inc	Alvin	TX	325	33	15,759,503	82,287	0	15,841,790	43,076	124,187	8,935	0	0	0	0	0	176,198	16,017,988
Chemical Waste Management Inc	Kettleman City	CA	562	39	0	15,936,989	7,031	15,944,020	12,399	82	0	0	0	51	0	0	12,531	15,956,551
Cytec Industries Inc Fortier Plant	Westwego	LA	325	21	15,393,784	0	0	15,393,784	5,686	238,191	27,018	0	0	0	0	0	270,895	15,664,679
Monsanto Luling	Luling	LA	325	17	15,026,700	0	0	15,026,700	6,594	89,750	180,480	0	5,390	0	0	0	282,214	15,308,914
Bowen Steam Electric Generating Plant	Cartersville	GA	2211	21	0	0	0	0	94,000	11,993,561	31,410	0	0	0	3,160,234	0	15,279,205	15,279,205
US Army Radford Army Ammunition Plant	Radford	VA		14	0	0	0	0	28,554	262,476	14,008,765	0	0	0	0	460	14,300,255	14,300,255
Robinson Nevada Mining Co	Ruth	NV	2122	7	0	0	25	25	1,338	0	9	0	0	0	1,009,400	13,102,825	14,113,572	14,113,597
Florida Power Corp Crystal River Energy Complex	Crystal River	FL	2211	24	0	0	1,485,630	1,485,630	10,314	11,951,759	9,110	0	0	0	615	0	11,971,799	13,457,429
Cyprus Tohono Corp	Casa Grande	AZ	2122	2	0	0	13,394,000	13,394,000	257	0	0	0	0	0	0	0	257	13,394,257
USS Gary Works	Gary	IN	331	46	0	0	10,066,687	10,066,687	348,558	262,941	1,355,801	0	0	0	0	0	1,967,300	12,033,987
Vickery Environmental Inc.	Vickery	OH	562	23	12,311,678	0	0	12,311,678	0	0	0	0	0	0	0	0	0	12,311,678
Colstrip Steam Electric Station	Colstrip	MT	2211	23	0	0	11,502,840	11,502,840	218	293,746	0	0	0	0	0	0	293,964	11,796,804
Severstal Wheeling Inc	Mingo Junction	OH	331	12	0	0	0	0	12,768	9,126	5,400	0	0	0	0	0	27,294	27,294
Ineos USA LLC Green Lake Plant	Port Lavaca	TX	325	23	11,609,478	0	0	11,609,478	96,792	64,363	1,378	0	0	0	0	0	162,533	11,772,011
SSAB Alabama Inc	Axis	AL	331	8	0	0	0	0	0	17,083	42	0	0	0	0	0	17,125	17,125
Doe Run Co Herculaneum Smelter	Herculaneum	MO	331	10	0	0	0	0	3,273	41,829	696	0	0	0	0	11,670,878	11,716,676	11,716,676
Branch Steam Electric Generating Plant	Milledgeville	GA	2211	20	0	0	0	0	0	9,304,682	41,153	0	0	0	2,253,254	0	11,599,089	11,599,089
Cortez Gold Mines	Crescent Valley	NV	2122	15	0	0	833	833	22,724	1,718	0	0	28	0	1,971,282	9,099,200	11,094,951	11,095,784
ArcelorMittal USA Inc	East Chicago	IN	331	26	0	0	0	0	9,844	132,351	87,217	0	0	0	0	0	229,412	229,412
W H Sammis Plant	Stratton	OH	2211	22	0	0	0	0	49,975	8,167,370	10,086	0	0	0	0	0	8,227,432	8,227,432
Ineos USA LLC	Lima	OH	325	35	10,629,270	0	0	10,629,270	24,561	111,926	0	0	0	0	0	0	136,487	10,765,757
Tronox LLC	Hamilton	MS	325	16	0	0	0	0	30,914	123,153	138,544	0	0	33,700	10,220,141	0	10,546,452	10,546,452
Pend Oreille Mine	Metaline Falls	WA	2122	9	0	0	0	0	1,684	1,793	249	0	0	0	10,538,588	0	10,542,313	10,542,313

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/tripro gram/FactorsToConPDF.pdf.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

11/19/09

The 50 Facilities with Largest TRI On- and Off-site Disposal or Other Releases, 2008

	Off-site Disposal or Other Releases																		
	Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other Off-site Disposal or Other Releases														
Facility	Class I Wells Pounds	RCRA Subtitle C Landfills Pounds	Other Landfills Pounds	Subtotal Pounds	Storage Only Pounds	Solidification/ Stabilization (Metals and Metal Category Compounds Only) Pounds	Wastewater Treatment (Excluding POTWs) (Metals and Metal Category Compounds Only) Pounds	Transfers to POTWs (Metals and Metal Category Compounds Only) Pounds	Class II-V Wells Pounds	RCRA Subtitle C Surface Impoundments Pounds	Other Surface Impoundments Pounds	Land Treatment Pounds	Other Land Disposal Pounds	Other Off-site Management Pounds	Transfers to Waste Broker for Disposal Pounds	Unknown Pounds	Subtotal Pounds	Total Off-site Disposal or Other Releases Pounds	Total On-site and Off-site Disposal or Other Releases Pounds
Red Dog Operations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11	11	517,196,573
Kennecott Utah Copper Mine Concentrators & Power Plant	0	0	0	0	0	185	0	0	0	0	0	0	0	45	0	0	230	230	166,441,890
Newmont Mining Corp Copper Canyon Facility	0	47	0	47	0	0	0	0	0	0	0	0	0	0	0	0	0	47	52,921,128
Barrick Goldstrike Mines Inc	0	1,252	0	1,252	0	0	0	0	0	0	0	0	0	0	0	0	0	1,252	48,864,451
Hecla Greens Creek Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44,003,848
Nucor Steel	0	0	32,358,449	32,358,449	0	715,188	197,686	0	0	0	0	0	0	8,839	357	0	922,070	33,280,519	33,295,744
Newmont Mining Corp Twin Creeks Mine	0	510	0	510	0	0	0	0	0	0	0	0	0	0	0	0	0	510	32,274,695
Steel Dynamics Inc	15,151	31,439,623	167	31,454,941	0	0	0	18	0	0	0	0	0	523	98,017	22,898	121,456	31,576,397	31,596,661
Envirosafe Services of Ohio Inc	10	267	0	277	0	0	129	0	0	0	0	0	0	0	0	0	129	407	28,566,140
Newmont Mining Corp - Carlin South Area	0	840	0	840	0	0	0	0	0	0	0	0	0	542	0	0	542	1,382	26,833,697
Buick Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25,371,224
ASARCO LLC Ray Complex/ Hayden Smelter & Concentrator	0	231	0	231	0	0	0	10	0	0	0	0	0	0	0	0	10	241	25,316,913
Freeport-McMoran Miami Inc	0	0	0	0	0	11	0	6,884	0	0	0	0	930,820	0	0	0	937,715	937,715	25,304,600
DuPont Delisle Plant	0	0	30	30	0	0	0	0	0	0	0	0	0	0	0	0	0	30	24,297,566
US Ecology Idaho Inc	0	63,500	0	63,500	0	0	0	0	0	0	0	0	0	0	0	0	0	63,500	22,020,872
RRI Energy Inc Keystone Power Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21,569,189
Kennecott Utah Copper Smelter & Refinery	0	0	0	0	0	280,828	0	0	0	0	0	0	0	0	0	0	280,828	280,828	21,371,344
Horsehead Corp Monaca Smelter	0	0	19,780,443	19,780,443	0	65,168	0	0	0	0	0	0	0	0	0	0	65,168	19,845,611	20,573,919
Brandon Shores & Wagner Complex	0	616	779,982	780,598	0	0	42	144	0	0	0	0	0	0	1	0	187	780,785	20,444,597
Detroit Edison Monroe Power Plant	0	0	12	12	0	1	0	0	0	0	0	0	0	0	0	0	1	13	20,147,585
Nyrstar Clarksville Inc	0	0	0	0	0	15,021	0	0	0	0	0	0	0	0	0	0	15,021	15,021	19,285,612
AK Steel Corp. (Rockport Works)	0	0	1,063,358	1,063,358	0	0	0	0	0	0	0	0	0	0	0	4,660	4,660	1,068,018	19,107,368
Montana Resources LLP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18,897,612
Solutia Inc	0	229	293	522	0	0	0	0	0	0	0	0	0	3	0	0	3	525	18,488,228
Hecla Ltd Lucky Friday Mine Unit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18,445,295
American Electric Power Amos Plant	0	0	1,989,810	1,989,810	0	0	0	0	0	0	0	0	0	0	0	0	0	1,989,810	17,367,857
Peoria Disposal Co #1	0	0	957,601	957,601	0	0	0	62	0	0	0	0	0	0	0	0	62	957,663	16,457,061
Solutia Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16,017,988
Chemical Waste Management Inc	0	0	0	0	0	0	159	0	0	0	0	0	0	9,744	0	0	9,903	9,903	15,966,454
Cytec Industries Inc Fortier Plant	0	0	801	801	0	0	0	0	0	0	0	0	0	0	0	0	0	801	15,665,480
Monsanto Luling	0	0	1,200	1,200	0	0	0	0	0	0	0	0	0	0	0	0	0	1,200	15,310,114
Bowen Steam Electric Generating Plant	0	0	200	200	0	69	0	0	0	0	0	0	0	0	0	0	69	270	15,279,475
US Army Radford Army Ammunition Plant	0	85	291	376	0	4,870	0	0	0	0	0	0	0	22	7,940	41	12,873	13,249	14,313,504
Robinson Nevada Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14,113,597
Florida Power Corp Crystal River Energy Complex	0	0	10	10	0	0	0	0	0	0	0	0	0	117	0	0	117	127	13,457,556
Cyprus Tohono Corp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13,394,257
USS Gary Works	343	23,338	2,304	25,985	0	576,106	29	0	0	0	0	0	0	7,519	0	0	583,654	609,639	12,643,626
Vickery Environmental Inc.	0	38,572	0	38,572	0	0	0	0	0	0	0	0	0	0	0	0	0	38,572	12,350,250
Colstrip Steam Electric Station	0	59	0	59	0	0	0	0	0	0	0	0	0	178,440	10	0	178,450	178,509	11,975,313
Severstal Wheeling Inc	0	11,863,964	50,074	11,914,038	0	0	0	0	0	0	0	0	0	0	170	0	170	11,914,208	11,941,502
Ineos USA LLC Green Lake Plant	0	0	0	0	0	6,790	0	0	0	0	0	0	0	0	0	0	6,790	6,790	11,778,801
SSAB Alabama Inc	0	0	479,865	479,865	0	11,243,058	0	0	0	0	0	0	0	0	0	0	11,243,058	11,722,923	11,740,048
Doe Run Co Herculaneum Smelter	0	0	0	0	0	165	0	1,230	0	0	0	0	0	0	0	0	1,395	1,395	11,718,072
Branch Steam Electric Generating Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	26	0	0	26	26	11,599,115
Cortez Gold Mines	0	0	0	0	0	0	0	0	0	0	0	8	0	1,194	0	0	1,202	1,202	11,096,986
ArcelorMittal USA Inc	0	1,612	8,174,296	8,175,908	0	2,635,402	0	0	0	0	0	0	0	0	0	0	2,635,402	10,811,310	11,040,722
W H Sammis Plant	0	0	2,585,897	2,585,897	0	0	0	0	0	0	0	0	0	0	0	0	0	2,585,897	10,813,329
Ineos USA LLC	0	84	907	991	0	352	0	0	0	0	0	0	0	0	0	0	352	1,343	10,767,100
Tronox LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,546,452
Pend Oreille Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	503	0	0	503	503	10,542,816

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).
For more detailed information on this subject refer to The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data document at www.epa.gov/tri/triprogram/FactorsToConPDF.pdf.
Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

The 50 Facilities with Largest Total Disposal or Other Releases, not including Class I Underground Injection Wells, RCRA Subtitle C Landfills and Other Landfills, 2008

					On-site Disposal or Other Releases													
					On-site Disposal to Class I Underground Injection Wells, RCRA				Other On-site Disposal or Other Releases									
Facility	City	State	NAICS Code	Total Forms	Class I Wells	RCRA Subtitle C Landfills	Other On-site Landfills	Subtotal	Fugitive Air Emissions	Point Source Air Emissions	Surface Water Discharges	Class II-V Wells	Land Treatment	RCRA Subtitle C Surface Impoundments	Other Surface Impoundments	Other Land Disposal	Subtotal	Total On-site Disposal or Other Releases
				Number	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
Red Dog Operations	Kotzebue	AK	2122	12	0	0	0	0	276,176	491	1,538	0	0	0	219,889,807	297,028,550	517,196,562	517,196,562
Kennecott Utah Copper Mine Concentrators & Power Plant	Copperton	UT	2122	18	0	0	85,015	85,015	5,657	8,311	4,245	0	7,888	0	118,785,247	47,545,298	166,356,645	166,441,660
Newmont Mining Corp Copper Canyon Facility	Battle Mountain	NV	2122	13	0	0	13	13	788	3,289	0	0	0	0	4,824,168	48,092,823	52,921,068	52,921,081
Barrick Goldstrike Mines Inc	Elko	NV	2122	26	0	0	6,660	6,660	30,831	28,014	0	0	0	0	43,050,644	5,747,050	48,856,539	48,863,199
Hecla Greens Creek Mining Co	Juneau	AK	2122	10	0	0	0	0	592	18,493	502	18,010,156	0	0	0	25,974,105	44,003,848	44,003,848
Newmont Mining Corp Twin Creeks Mine	Golconda	NV	2122	21	0	0	4,036	4,036	9,210	77,878	147	0	0	0	30,113,330	2,069,584	32,270,149	32,274,185
Newmont Mining Corp - Carlin South Area	Carlin	NV	2122	24	0	0	2,312	2,312	17,658	1,827	0	0	18	0	23,259,100	3,551,400	26,830,004	26,832,316
Buick Mine/Mill	Boss	MO	2122	4	0	0	0	0	20,733	731	33,760	0	0	0	22,128,000	3,188,000	25,371,224	25,371,224
ASARCO LLC Ray Complex/ Hayden Smelter & Concentrator	Hayden	AZ	331	17	0	0	11,726	11,726	96,325	211,024	0	0	0	0	0	24,997,597	25,304,946	25,316,672
Freeport-McMoran Miami Inc	Claypool	AZ	2122	17	0	0	0	0	156,225	142,282	1,277	0	0	0	281,400	23,785,702	24,366,885	24,366,885
Kennecott Utah Copper Smelter & Refinery	Magna	UT	331	21	0	0	0	0	8,067	98,276	5,495	0	0	0	20,974,708	3,970	21,090,516	21,090,516
RRI Energy Inc Keystone Power Plant	Shelocta	PA	2211	15	0	0	978,867	978,867	14,122	20,557,620	18,581	0	0	0	0	0	20,590,322	21,569,189
Detroit Edison Monroe Power Plant	Monroe	MI	2211	20	0	0	0	0	5,225	14,691,263	28,627	0	0	0	5,422,457	0	20,147,573	20,147,573
Brandon Shores & Wagner Complex	Baltimore	MD	2211	29	0	0	0	0	54,372	19,606,895	2,545	0	0	0	0	0	19,663,812	19,663,812
Nyrstar Clarksville Inc	Clarksville	TN	2122	10	0	0	0	0	743	908,257	11,175	0	0	0	18,350,416	0	19,270,591	19,270,591
Montana Resources LLP	Butte	MT	2122	11	0	0	0	0	250	0	0	0	0	0	4,634,626	14,262,736	18,897,612	18,897,612
Hecla Ltd Lucky Friday Mine Unit	Mullan	ID	2122	7	0	0	0	0	63	101	6,313	0	0	0	10,371,208	8,067,610	18,445,295	18,445,295
AK Steel Corp. (Rockport Works)	Rockport	IN	331	9	0	0	0	0	0	12,721	18,026,629	0	0	0	0	0	18,039,350	18,039,350
American Electric Power Amos Plant	Winfield	WV	2211	20	0	0	0	0	1,535	14,846,009	8,168	0	136,426	0	385,854	55	15,378,047	15,378,047
Bowen Steam Electric Generating Plant	Cartersville	GA	2211	21	0	0	0	0	94,000	11,993,561	31,410	0	0	0	3,160,234	0	15,279,205	15,279,205
US Army Radford Army Ammunition Plant	Radford	VA		14	0	0	0	0	28,554	262,476	14,008,765	0	0	0	0	460	14,300,255	14,300,255
Robinson Nevada Mining Co	Ruth	NV	2122	7	0	0	25	25	1,338	0	9	0	0	0	1,009,400	13,102,825	14,113,572	14,113,597
Florida Power Corp Crystal River Energy Complex	Crystal River	FL	2211	24	0	0	1,485,630	1,485,630	10,314	11,951,759	9,110	0	0	0	615	0	11,971,799	13,457,429
Doe Run Co Herculaneum Smelter	Herculaneum	MO	331	10	0	0	0	0	3,273	41,829	696	0	0	0	0	11,670,878	11,716,676	11,716,676
Branch Steam Electric Generating Plant	Milledgeville	GA	2211	20	0	0	0	0	0	9,304,682	41,153	0	0	0	2,253,254	0	11,599,089	11,599,089
SSAB Alabama Inc	Axis	AL	331	8	0	0	0	0	0	17,083	42	0	0	0	0	0	17,125	17,125
Cortez Gold Mines	Crescent Valley	NV	2122	15	0	0	833	833	22,724	1,718	0	0	28	0	1,971,282	9,099,200	11,094,951	11,095,784
Tronox LLC	Hamilton	MS	325	16	0	0	0	0	30,914	123,153	138,544	0	0	33,700	10,220,141	0	10,546,452	10,546,452
Pend Oreille Mine	Metaline Falls	WA	2122	9	0	0	0	0	1,684	1,793	249	0	0	0	10,538,588	0	10,542,313	10,542,313
American Electric Power Muskingum River Plant	Beverly	OH	2211	19	0	0	0	0	315	8,843,923	8,742	0	125,505	0	1,221,753	50	10,200,288	10,200,288
Brushy Creek Mine/Mill	Bunker	MO	2122	3	0	0	0	0	7,560	0	7,269	0	0	0	9,534,000	0	9,548,829	9,548,829
US TVA Kingston Fossil Plant	Harriman	TN	2211	20	0	0	0	0	17,430	4,154,942	2,765,700	0	0	0	2,007,217	401,920	9,347,208	9,347,208
US TVA Paradise Fossil Plant	Drakesboro	KY	2211	23	0	0	0	0	21,055	7,124,387	237,650	0	0	0	1,828,262	0	9,211,355	9,211,355
Fletcher Mine/Mill	Centerville	MO	2122	3	0	0	0	0	9,566	251	7,513	0	0	0	8,818,000	0	8,835,330	8,835,330
Freeport-McMoran Morenci Inc	Morenci	AZ	2122	19	0	0	0	0	84,129	526	57,250	0	0	0	7,455,550	964,070	8,561,525	8,561,525
Wansley Steam Electric Generating Plant	Carrollton	GA	2211	21	0	0	0	0	53,000	5,705,977	9,854	0	0	0	2,763,193	0	8,532,024	8,532,024
Montana Tunnels Mining Inc	Jefferson City	MT	2122	8	0	0	857,688	857,688	9,352	2	0	0	0	0	8,503,863	0	8,513,217	9,370,905
Kentucky Utilities Co Ghent Station	Ghent	KY	2211	21	0	0	0	0	8,256	5,921,963	63,306	0	0	0	2,511,381	0	8,504,906	8,504,906
Gaston Steam Plant	Wilsonville	AL	2211	22	0	0	0	0	10,000	5,646,601	17,940	0	0	0	2,729,937	0	8,404,478	8,404,478
Nucor Steel Tuscaloosa Inc	Tuscaloosa	AL	331	10	0	0	0	0	358	4,709	141	0	0	0	0	0	5,209	5,209
Morgantown Generating Station	Newburg	MD	2211	18	0	0	0	0	1,844	7,366,551	491	0	0	0	0	0	7,368,886	7,368,886
U.S. TVA Allen Fossil Plant	Memphis	TN	2211	16	0	0	0	0	24,277	557,966	19,270	0	0	0	769,209	0	1,370,722	1,370,722
W H Sammis Plant	Stratton	OH	2211	22	0	0	0	0	49,975	8,167,370	10,086	0	0	0	0	0	8,227,432	8,227,432
CF Industries Inc	Donaldsonville	LA	325	12	0	0	0	0	339,151	6,153,535	1,112,286	0	0	0	0	0	7,604,972	7,604,972
U.S. TVA Johnsonville Fossil Plant	New Johnsonville	TN	2211	17	0	0	0	0	7,204	4,013,876	32,269	0	0	0	0	6	4,053,355	4,053,355
JM Stuart Station	Manchester	OH	2211	20	0	0	0	0	157	4,830,411	18,449	0	0	100,045	2,429,550	0	7,378,612	7,378,612
SSAB Iowa Inc	Muscatine	IA	331	10	0	0	0	0	0	5,640	13	0	0	0	0	0	5,653	5,653
Freeport McMoran Tyrone Inc	Tyrone	NM	2122	6	0	0	0	0	16,037	0	0	0	0	0	0	7,182,900	7,198,937	7,198,937
Tyson Fresh Meats Inc Joslin II	Hillsdale	IL	311	7	0	0	0	0	23,135	18,435	6,572,480	0	37,025	0	0	0	6,651,075	6,651,075
Hatfield Power Station	Masontown	PA	2211	17	0	0	476,865	476,865	3,237	6,697,905	1,199	0	0	0	0	0	6,702,341	7,179,206

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).
For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/triprogram/FactorsToConPDF.pdf.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

The 50 Facilities with Largest Total Disposal or Other Releases, not including Class I Underground Injection Wells, RCRA Subtitle C Landfills and Other Landfills, 2008

	Off-site Disposal or Other Releases																			
	Off-site Disposal to Class I Underground Injection				Other Off-site Disposal or Other Releases															
Facility	**Class I Wells** Pounds	**RCRA Subtitle C Landfills** Pounds	**Other Landfills** Pounds	**Subtotal** Pounds	**Storage Only** Pounds	**Solidification/ Stabilization (Metals and Metal Category Compounds Only)** Pounds	**Wastewater Treatment (Excluding POTWs) (Metals and Metal Category Compounds Only)** Pounds	**Transfers to POTWs (Metals and Metal Category Compounds Only)** Pounds	**Class II-V Wells** Pounds	**RCRA Subtitle C Surface Impoundments** Pounds	**Other Surface Impoundments** Pounds	**Land Treatment** Pounds	**Other Land Disposal** Pounds	**Other Off-site Management** Pounds	**Transfers to Waste Broker for Disposal** Pounds	**Unknown** Pounds	**Subtotal** Pounds	**Total Off-site Disposal or Other Releases** Pounds	**Total On-site and Off-site Disposal or Other Releases** Pounds	**Total Disposal or Other Releases not including Class I Underground Injection Wells, RCRA Subtitle C Landfills and Other Landfills** Pounds
Red Dog Operations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11	11	517,196,573	517,196,573
Kennecott Utah Copper Mine Concentrators & Power Plant	0	0	0	0	0	185	0	0	0	0	0	0	0	45	0	0	230	230	166,441,890	166,356,875
Newmont Mining Corp Copper Canyon Facility	0	47	0	47	0	0	0	0	0	0	0	0	0	0	0	0	0	47	52,921,128	52,921,068
Barrick Goldstrike Mines Inc	0	1,252	0	1,252	0	0	0	0	0	0	0	0	0	0	0	0	0	1,252	48,864,451	48,856,539
Hecla Greens Creek Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44,003,848	44,003,848
Newmont Mining Corp Twin Creeks Mine	0	510	0	510	0	0	0	0	0	0	0	0	0	0	0	0	0	510	32,274,695	32,270,149
Newmont Mining Corp - Carlin South Area	0	840	0	840	0	0	0	0	0	0	0	0	0	542	0	0	542	1,382	26,833,697	26,830,546
Buick Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25,371,224	25,371,224
ASARCO LLC Ray Complex/ Hayden Smelter & Concentrator	0	231	0	231	0	0	0	10	0	0	0	0	0	0	0	0	10	241	25,316,913	25,304,956
Freeport-McMoran Miami Inc	0	0	0	0	0	11	0	6,884	0	0	0	0	930,820	0	0	0	937,715	937,715	25,304,600	25,304,600
Kennecott Utah Copper Smelter & Refinery	0	0	0	0	0	280,828	0	0	0	0	0	0	0	0	0	0	280,828	280,828	21,371,344	21,371,344
RRI Energy Inc Keystone Power Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21,569,189	20,590,322
Detroit Edison Monroe Power Plant	0	0	12	12	0	1	0	0	0	0	0	0	0	0	0	0	1	13	20,147,585	20,147,573
Brandon Shores & Wagner Complex	0	616	779,982	780,598	0	0	42	144	0	0	0	0	0	0	1	0	187	780,785	20,444,597	19,663,999
Nyrstar Clarksville Inc	0	0	0	0	0	15,021	0	0	0	0	0	0	0	0	0	0	15,021	15,021	19,285,612	19,285,612
Montana Resources LLP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18,897,612	18,897,612
Hecla Ltd Lucky Friday Mine Unit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18,445,295	18,445,295
AK Steel Corp. (Rockport Works)	0	0	1,063,358	1,063,358	0	0	0	0	0	0	0	0	0	0	0	4,660	4,660	1,068,018	19,107,368	18,044,010
American Electric Power Amos Plant	0	0	1,989,810	1,989,810	0	0	0	0	0	0	0	0	0	0	0	0	0	1,989,810	17,367,857	15,378,047
Bowen Steam Electric Generating Plant	0	0	200	200	0	69	0	0	0	0	0	0	0	0	0	0	69	270	15,279,475	15,279,275
US Army Radford Army Ammunition Plant	0	85	291	376	0	4,870	0	0	0	0	0	0	0	22	7,940	41	12,873	13,249	14,313,504	14,313,128
Robinson Nevada Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14,113,597	14,113,572
Florida Power Corp Crystal River Energy Complex	0	0	10	10	0	0	0	0	0	0	0	0	0	117	0	0	117	127	13,457,556	11,971,916
Doe Run Co Herculaneum Smelter	0	0	0	0	0	165	0	1,230	0	0	0	0	0	0	0	0	1,395	1,395	11,718,072	11,718,072
Branch Steam Electric Generating Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	26	0	0	26	26	11,599,115	11,599,115
SSAB Alabama Inc	0	0	479,865	479,865	0	11,243,058	0	0	0	0	0	0	0	0	0	0	11,243,058	11,722,923	11,740,048	11,260,183
Cortez Gold Mines	0	0	0	0	0	0	0	0	0	0	0	8	0	1,194	0	0	1,202	1,202	11,096,986	11,096,153
Tronox LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,546,452	10,546,452
Pend Oreille Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	503	0	0	503	503	10,542,816	10,542,816
American Electric Power Muskingum River Plant	0	0	4,987	4,987	0	0	0	0	0	0	0	0	0	0	0	0	0	4,987	10,205,274	10,200,288
Brushy Creek Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,548,829	9,548,829
US TVA Kingston Fossil Plant	0	6	0	6	0	0	0	0	0	0	0	0	40,832	0	0	0	40,832	40,838	9,388,046	9,388,040
US TVA Paradise Fossil Plant	0	304	0	304	0	0	0	0	0	0	0	0	0	0	5	1	6	310	9,211,664	9,211,360
Fletcher Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,835,330	8,835,330
Freeport-McMoran Morenci Inc	0	2,944	0	2,944	0	0	0	0	0	0	0	0	0	0	0	66,295	66,295	69,239	8,630,764	8,627,820
Wansley Steam Electric Generating Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,532,024	8,532,024
Montana Tunnels Mining Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,370,905	8,513,217
Kentucky Utilities Co Ghent Station	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,504,906	8,504,906
Gaston Steam Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,404,478	8,404,478
Nucor Steel Tuscaloosa Inc	0	0	328,631	328,631	0	8,381,748	0	37	0	0	0	0	0	0	0	0	8,381,785	8,710,415	8,715,624	8,386,993
Morgantown Generating Station	0	0	0	0	946,707	0	0	0	0	0	0	0	0	0	1,476	0	948,183	948,183	8,317,069	8,317,069
U.S. TVA Allen Fossil Plant	0	264	4,311	4,575	0	0	0	0	0	0	0	0	6,864,488	0	12	0	6,864,499	6,869,074	8,239,796	8,235,221
W H Sammis Plant	0	0	2,585,897	2,585,897	0	0	0	0	0	0	0	0	0	0	0	0	0	2,585,897	10,813,329	8,227,432
CF Industries Inc	0	0	6,316	6,316	0	0	0	0	0	0	0	0	0	0	0	0	0	6,316	7,611,288	7,604,972
U.S. TVA Johnsonville Fossil Plant	0	257	0	257	0	0	0	0	0	0	0	0	3,494,135	0	0	0	3,494,136	3,494,393	7,547,748	7,547,491
JM Stuart Station	0	0	113	113	0	0	0	0	0	0	0	0	0	0	0	0	0	113	7,378,725	7,378,612
SSAB Iowa Inc	0	0	580,410	580,410	0	7,235,148	0	0	0	0	0	0	0	0	0	0	7,235,148	7,815,558	7,821,211	7,240,801
Freeport McMoran Tyrone Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	250	250	250	7,199,187	7,199,187
Tyson Fresh Meats Inc Joslin II	0	0	29,570	29,570	0	0	0	0	0	0	0	65,745	0	15,550	0	0	81,295	110,865	6,761,940	6,732,370
Hatfield Power Station	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,179,206	6,702,341

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).
For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/triprogram/FactorsToConPDF.pdf.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

The 50 Facilities with Largest Total Disposal or Other Releases, not including Class I Underground Injection Wells, RCRA Subtitle C Landfills and RCRA Subtitle C Surface Impoundments, 2008

					On-site Disposal or Other Releases													
					On-site Disposal to Class I Underground Injection Wells, RCRA				Other On-site Disposal or Other Releases									
Facility	City	State	NAICS Code	Total Forms	Class I Wells	RCRA Subtitle C Landfills	Other On-site Landfills	Subtotal	Fugitive Air Emissions	Point Source Air Emissions	Surface Water Discharges	Class II-V Wells	Land Treatment	RCRA Subtitle C Surface Impoundments	Other Surface Impoundments	Other Land Disposal	Subtotal	Total On-site Disposal or Other Releases
				Number	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
Red Dog Operations	Kotzebue	AK	2122	12	0	0	0	0	276,176	491	1,538	0	0	0	219,889,807	297,028,550	517,196,562	517,196,562
Kennecott Utah Copper Mine Concentrators & Power Plant	Copperton	UT	2122	18	0	0	85,015	85,015	5,657	8,311	4,245	0	7,888	0	118,785,247	47,545,298	166,356,645	166,441,660
Newmont Mining Corp Copper Canyon Facility	Battle Mountain	NV	2122	13	0	0	13	13	788	3,289	0	0	0	0	4,824,168	48,092,823	52,921,068	52,921,081
Barrick Goldstrike Mines Inc	Elko	NV	2122	26	0	0	6,660	6,660	30,831	28,014	0	0	0	0	43,050,644	5,747,050	48,856,539	48,863,199
Hecla Greens Creek Mining Co	Juneau	AK	2122	10	0	0	0	0	592	18,493	502	18,010,156	0	0	0	25,974,105	44,003,848	44,003,848
Nucor Steel	Crawfordsville	IN	331	12	0	0	0	0	7,158	7,817	250	0	0	0	0	0	15,225	15,225
Newmont Mining Corp Twin Creeks Mine	Golconda	NV	2122	21	0	0	4,036	4,036	9,210	77,878	147	0	0	0	30,113,330	2,069,584	32,270,149	32,274,185
Newmont Mining Corp - Carlin South Area	Carlin	NV	2122	24	0	0	2,312	2,312	17,658	1,827	0	0	18	0	23,259,100	3,551,400	26,830,004	26,832,316
Buick Mine/Mill	Boss	MO	2122	4	0	0	0	0	20,733	731	33,760	0	0	0	22,128,000	3,188,000	25,371,224	25,371,224
ASARCO LLC Ray Complex/ Hayden Smelter & Concentrator	Hayden	AZ	331	17	0	0	11,726	11,726	96,325	211,024	0	0	0	0	0	24,997,597	25,304,946	25,316,672
Freeport-McMoran Miami Inc	Claypool	AZ	2122	17	0	0	0	0	156,225	142,282	1,277	0	0	0	281,400	23,785,702	24,366,885	24,366,885
RRI Energy Inc Keystone Power Plant	Shelocta	PA	2211	15	0	0	978,867	978,867	14,122	20,557,620	18,581	0	0	0	0	0	20,590,322	21,569,189
Kennecott Utah Copper Smelter & Refinery	Magna	UT	331	21	0	0	0	0	8,067	98,276	5,495	0	0	0	20,974,708	3,970	21,090,516	21,090,516
Horsehead Corp Monaca Smelter	Monaca	PA	331	14	0	0	0	0	26,326	700,144	1,838	0	0	0	0	0	728,308	728,308
Brandon Shores & Wagner Complex	Baltimore	MD	2211	29	0	0	0	0	54,372	19,606,895	2,545	0	0	0	0	0	19,663,812	19,663,812
Detroit Edison Monroe Power Plant	Monroe	MI	2211	20	0	0	0	0	5,225	14,691,263	28,627	0	0	0	5,422,457	0	20,147,573	20,147,573
Nyrstar Clarksville Inc	Clarksville	TN	2122	10	0	0	0	0	743	908,257	11,175	0	0	0	18,350,416	0	19,270,591	19,270,591
AK Steel Corp. (Rockport Works)	Rockport	IN	331	9	0	0	0	0	0	12,721	18,026,629	0	0	0	0	0	18,039,350	18,039,350
Montana Resources LLP	Butte	MT	2122	11	0	0	0	0	250	0	0	0	0	0	4,634,626	14,262,736	18,897,612	18,897,612
Hecla Ltd Lucky Friday Mine Unit	Mullan	ID	2122	7	0	0	0	0	63	101	6,313	0	0	0	10,371,208	8,067,610	18,445,295	18,445,295
American Electric Power Amos Plant	Winfield	WV	2211	20	0	0	0	0	1,535	14,846,009	8,168	0	136,426	0	385,854	55	15,378,047	15,378,047
Bowen Steam Electric Generating Plant	Cartersville	GA	2211	21	0	0	0	0	94,000	11,993,561	31,410	0	0	0	3,160,234	0	15,279,205	15,279,205
US Army Radford Army Ammunition Plant	Radford	VA		14	0	0	0	0	28,554	262,476	14,008,765	0	0	0	0	460	14,300,255	14,300,255
Robinson Nevada Mining Co	Ruth	NV	2122	7	0	0	25	25	1,338	0	9	0	0	0	1,009,400	13,102,825	14,113,572	14,113,597
Florida Power Corp Crystal River Energy Complex	Crystal River	FL	2211	24	0	0	1,485,630	1,485,630	10,314	11,951,759	9,110	0	0	0	615	0	11,971,799	13,457,429
Cyprus Tohono Corp	Casa Grande	AZ	2122	2	0	0	13,394,000	13,394,000	257	0	0	0	0	0	0	0	257	13,394,257
DuPont Delisle Plant	Pass Christian	MS	325	22	11,302,298	0	12,187,103	23,489,401	4,073	801,535	2,504	0	0	0	0	23	808,135	24,297,536
USS Gary Works	Gary	IN	331	46	0	0	10,066,687	10,066,687	348,558	262,941	1,355,801	0	0	0	0	0	1,967,300	12,033,987
Colstrip Steam Electric Station	Colstrip	MT	2211	23	0	0	11,502,840	11,502,840	218	293,746	0	0	0	0	0	0	293,964	11,796,804
SSAB Alabama Inc	Axis	AL	331	8	0	0	0	0	0	17,083	42	0	0	0	0	0	17,125	17,125
Doe Run Co Herculaneum Smelter	Herculaneum	MO	331	10	0	0	0	0	3,273	41,829	696	0	0	0	0	11,670,878	11,716,676	11,716,676
Branch Steam Electric Generating Plant	Milledgeville	GA	2211	20	0	0	0	0	0	9,304,682	41,153	0	0	0	2,253,254	0	11,599,089	11,599,089
Cortez Gold Mines	Crescent Valley	NV	2122	15	0	0	833	833	22,724	1,718	0	0	28	0	1,971,282	9,099,200	11,094,951	11,095,784
ArcelorMittal USA Inc	East Chicago	IN	331	26	0	0	0	0	9,844	132,351	87,217	0	0	0	0	0	229,412	229,412
W H Sammis Plant	Stratton	OH	2211	22	0	0	0	0	49,975	8,167,370	10,086	0	0	0	0	0	8,227,432	8,227,432
Pend Oreille Mine	Metaline Falls	WA	2122	9	0	0	0	0	1,684	1,793	249	0	0	0	10,538,588	0	10,542,313	10,542,313
Tronox LLC	Hamilton	MS	325	16	0	0	0	0	30,914	123,153	138,544	0	0	33,700	10,220,141	0	10,546,452	10,546,452
American Electric Power Muskingum River Plant	Beverly	OH	2211	19	0	0	0	0	315	8,843,923	8,742	0	125,505	0	1,221,753	50	10,200,288	10,200,288
DuPont Johnsonville Plant	New Johnsonville	TN	325	21	0	0	8,620,827	8,620,827	1,902	1,495,039	4,287	0	0	0	0	0	1,501,228	10,122,055
Brushy Creek Mine/Mill	Bunker	MO	2122	3	0	0	0	0	7,560	0	7,269	0	0	0	9,534,000	0	9,548,829	9,548,829
US Steel Corp Great Lakes Works	Ecorse	MI	331	20	0	0	0	0	43,781	203,938	69,840	0	0	0	0	0	317,559	317,559
US TVA Kingston Fossil Plant	Harriman	TN	2211	20	0	0	0	0	17,430	4,154,942	2,765,700	0	0	0	2,007,217	401,920	9,347,208	9,347,208
Montana Tunnels Mining Inc	Jefferson City	MT	2122	8	0	0	857,688	857,688	9,352	2	0	0	0	0	8,503,863	0	8,513,217	9,370,905
US TVA Paradise Fossil Plant	Drakesboro	KY	2211	23	0	0	0	0	21,055	7,124,387	237,650	0	0	0	1,828,262	0	9,211,355	9,211,355
Fletcher Mine/Mill	Centerville	MO	2122	3	0	0	0	0	9,566	251	7,513	0	0	0	8,818,000	0	8,835,330	8,835,330
Nucor Steel Tuscaloosa Inc	Tuscaloosa	AL	331	10	0	0	0	0	358	4,709	141	0	0	0	0	0	5,209	5,209
Freeport-McMoran Morenci Inc	Morenci	AZ	2122	19	0	0	0	0	84,129	526	57,250	0	0	0	7,455,550	964,070	8,561,525	8,561,525
Wansley Steam Electric Generating Plant	Carrollton	GA	2211	21	0	0	0	0	53,000	5,705,977	9,854	0	0	0	2,763,193	0	8,532,024	8,532,024
Kentucky Utilities Co Ghent Station	Ghent	KY	2211	21	0	0	0	0	8,256	5,921,963	63,306	0	0	0	2,511,381	0	8,504,906	8,504,906
Gaston Steam Plant	Wilsonville	AL	2211	22	0	0	0	0	10,000	5,646,601	17,940	0	0	0	2,729,937	0	8,404,478	8,404,478

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/triprogram/FactorsToConPDF.pdf.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

The 50 Facilities with Largest Total Disposal or Other Releases, not including Class I Underground Injection Wells, RCRA Subtitle C Landfills and RCRA Subtitle C Surface Impoundments, 2008

	Off-site Disposal or Other Releases																			
	Off-site Disposal to Class I Underground Injection				Other Off-site Disposal or Other Releases															
Facility	**Class I Wells** Pounds	**RCRA Subtitle C Landfills** Pounds	**Other Landfills** Pounds	**Subtotal** Pounds	**Storage Only** Pounds	**Solidification/ Stabilization (Metals and Metal Category Compounds Only)** Pounds	**Wastewater Treatment (Excluding POTWs) (Metals and Metal Category Compounds Only)** Pounds	**Transfers to POTWs (Metals and Metal Category Compounds Only)** Pounds	**Class II-V Wells** Pounds	**RCRA Subtitle C Surface Impoundments** Pounds	**Other Surface Impoundments** Pounds	**Land Treatment** Pounds	**Other Land Disposal** Pounds	**Other Off-site Management** Pounds	**Transfers to Waste Broker for Disposal** Pounds	**Unknown** Pounds	**Subtotal** Pounds	**Total Off-site Disposal or Other Releases** Pounds	**Total On-site and Off-site Disposal or Other Releases** Pounds	**Total Disposal or Other Releases not including Class I Underground Injection Wells, RCRA Subtitle C Landfills and rcra Subtitle C Surface Impoundments** Pounds
Red Dog Operations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11	11	517,196,573	517,196,573
Kennecott Utah Copper Mine Concentrators & Power Plant	0	0	0	0	0	185	0	0	0	0	0	0	0	45	0	0	230	230	166,441,890	166,441,890
Newmont Mining Corp Copper Canyon Facility	0	47	0	47	0	0	0	0	0	0	0	0	0	0	0	0	0	47	52,921,128	52,921,081
Barrick Goldstrike Mines Inc	0	1,252	0	1,252	0	0	0	0	0	0	0	0	0	0	0	0	0	1,252	48,864,451	48,863,199
Hecla Greens Creek Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44,003,848	44,003,848
Nucor Steel	0	0	32,358,449	32,358,449	0	715,188	197,686	0	0	0	0	0	0	8,839	357	0	922,070	33,280,519	33,295,744	33,295,744
Newmont Mining Corp Twin Creeks Mine	0	510	0	510	0	0	0	0	0	0	0	0	0	0	0	0	0	510	32,274,695	32,274,185
Newmont Mining Corp - Carlin South Area	0	840	0	840	0	0	0	0	0	0	0	0	0	542	0	0	542	1,382	26,833,697	26,832,858
Buick Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25,371,224	25,371,224
ASARCO LLC Ray Complex/ Hayden Smelter & Concentrator	0	231	0	231	0	0	0	10	0	0	0	0	0	0	0	0	10	241	25,316,913	25,316,682
Freeport-McMoran Miami Inc	0	0	0	0	0	11	0	6,884	0	0	0	0	930,820	0	0	0	937,715	937,715	25,304,600	25,304,600
RRI Energy Inc Keystone Power Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21,569,189	21,569,189
Kennecott Utah Copper Smelter & Refinery	0	0	0	0	0	280,828	0	0	0	0	0	0	0	0	0	0	280,828	280,828	21,371,344	21,371,344
Horsehead Corp Monaca Smelter	0	0	19,780,443	19,780,443	0	65,168	0	0	0	0	0	0	0	0	0	0	65,168	19,845,611	20,573,919	20,573,919
Brandon Shores & Wagner Complex	0	616	779,982	780,598	0	0	42	144	0	0	0	0	0	0	1	0	187	780,785	20,444,597	20,443,981
Detroit Edison Monroe Power Plant	0	0	12	12	0	1	0	0	0	0	0	0	0	0	0	0	1	13	20,147,585	20,147,585
Nyrstar Clarksville Inc	0	0	0	0	0	15,021	0	0	0	0	0	0	0	0	0	0	15,021	15,021	19,285,612	19,285,612
AK Steel Corp. (Rockport Works)	0	0	1,063,358	1,063,358	0	0	0	0	0	0	0	0	0	0	0	4,660	4,660	1,068,018	19,107,368	19,107,368
Montana Resources LLP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18,897,612	18,897,612
Hecla Ltd Lucky Friday Mine Unit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18,445,295	18,445,295
American Electric Power Amos Plant	0	0	1,989,810	1,989,810	0	0	0	0	0	0	0	0	0	0	0	0	0	1,989,810	17,367,857	17,367,857
Bowen Steam Electric Generating Plant	0	0	200	200	0	69	0	0	0	0	0	0	0	0	0	0	69	270	15,279,475	15,279,475
US Army Radford Army Ammunition Plant	0	85	291	376	0	4,870	0	0	0	0	0	0	0	22	7,940	41	12,873	13,249	14,313,504	14,313,419
Robinson Nevada Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14,113,597	14,113,597
Florida Power Corp Crystal River Energy Complex	0	0	10	10	0	0	0	0	0	0	0	0	0	117	0	0	117	127	13,457,556	13,457,556
Cyprus Tohono Corp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13,394,257	13,394,257
DuPont Delisle Plant	0	0	30	30	0	0	0	0	0	0	0	0	0	0	0	0	0	30	24,297,566	12,995,268
USS Gary Works	343	23,338	2,304	25,985	0	576,106	29	0	0	0	0	0	0	7,519	0	0	583,654	609,639	12,643,626	12,619,944
Colstrip Steam Electric Station	0	59	0	59	0	0	0	0	0	0	0	0	0	178,440	10	0	178,450	178,509	11,975,313	11,975,254
SSAB Alabama Inc	0	0	479,865	479,865	0	11,243,058	0	0	0	0	0	0	0	0	0	0	11,243,058	11,722,923	11,740,048	11,740,048
Doe Run Co Herculaneum Smelter	0	0	0	0	0	165	0	1,230	0	0	0	0	0	0	0	0	1,395	1,395	11,718,072	11,718,072
Branch Steam Electric Generating Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	26	0	0	26	26	11,599,115	11,599,115
Cortez Gold Mines	0	0	0	0	0	0	0	0	0	0	0	8	0	1,194	0	0	1,202	1,202	11,096,986	11,096,986
ArcelorMittal USA Inc	0	1,612	8,174,296	8,175,908	0	2,635,402	0	0	0	0	0	0	0	0	0	0	2,635,402	10,811,310	11,040,722	11,039,110
W H Sammis Plant	0	0	2,585,897	2,585,897	0	0	0	0	0	0	0	0	0	0	0	0	0	2,585,897	10,813,329	10,813,329
Pend Oreille Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	503	0	0	503	503	10,542,816	10,542,816
Tronox LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,546,452	10,512,752
American Electric Power Muskingum River Plant	0	0	4,987	4,987	0	0	0	0	0	0	0	0	0	0	0	0	0	4,987	10,205,274	10,205,274
DuPont Johnsonville Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,122,055	10,122,055
Brushy Creek Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,548,829	9,548,829
US Steel Corp Great Lakes Works	0	0	9,006,724	9,006,724	0	188,988	0	541	0	0	0	0	0	2,152	0	0	191,681	9,198,405	9,515,964	9,515,964
US TVA Kingston Fossil Plant	0	6	0	6	0	0	0	0	0	0	0	0	40,832	0	0	0	40,832	40,838	9,388,046	9,388,040
Montana Tunnels Mining Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,370,905	9,370,905
US TVA Paradise Fossil Plant	0	304	0	304	0	0	0	0	0	0	0	0	0	0	5	1	6	310	9,211,664	9,211,360
Fletcher Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,835,330	8,835,330
Nucor Steel Tuscaloosa Inc	0	0	328,631	328,631	0	8,381,748	0	37	0	0	0	0	0	0	0	0	8,381,785	8,710,415	8,715,624	8,715,624
Freeport-McMoran Morenci Inc	0	2,944	0	2,944	0	0	0	0	0	0	0	0	0	0	0	66,295	66,295	69,239	8,630,764	8,627,820
Wansley Steam Electric Generating Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,532,024	8,532,024
Kentucky Utilities Co Ghent Station	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,504,906	8,504,906
Gaston Steam Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,404,478	8,404,478

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).
For more detailed information on this subject refer to The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data document at www.epa.gov/tri/triprogram/FactorsToConPDF.pdf.
Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

The 50 Facilities with Largest Total On-site Disposal or Other Releases, 2008

					On-site Disposal or Other Releases															
					On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other On-site Disposal or Other Releases											
Facility	City	State	NAICS Code	Total Forms	Class I Wells	RCRA Subtitle C Landfills	Other On-site Landfills	Subtotal	Fugitive Air Emissions	Point Source Air Emissions	Surface Water Discharges	Class II-V Wells	Land Treatment	RCRA Subtitle C Surface Impoundments	Other Surface Impoundments	Other Land Disposal	Subtotal	Total On-site Disposal or Other Releases	Total Off-site Disposal or Other Releases	Total On-site and Off-site Disposal or Other Releases
				Number	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
Red Dog Operations	Kotzebue	AK	2122	12	0	0	0	0	276,176	491	1,538	0	0	0	219,889,807	297,028,550	517,196,562	517,196,562	11	517,196,573
Kennecott Utah Copper Mine Concentrators & Power Plant	Copperton	UT	2122	18	0	0	85,015	85,015	5,657	8,311	4,245	0	7,888	0	118,785,247	47,545,298	166,356,645	166,441,660	230	166,441,890
Newmont Mining Corp Copper Canyon Facility	Battle Mountain	NV	2122	13	0	0	13	13	788	3,289	0	0	0	0	4,824,168	48,092,823	52,921,068	52,921,081	47	52,921,128
Barrick Goldstrike Mines Inc	Elko	NV	2122	26	0	0	6,660	6,660	30,831	28,014	0	0	0	0	43,050,644	5,747,050	48,856,539	48,863,199	1,252	48,864,451
Hecla Greens Creek Mining Co	Juneau	AK	2122	10	0	0	0	0	592	18,493	502	18,010,156	0	0	0	25,974,105	44,003,848	44,003,848	0	44,003,848
Newmont Mining Corp Twin Creeks Mine	Golconda	NV	2122	21	0	0	4,036	4,036	9,210	77,878	147	0	0	0	30,113,330	2,069,584	32,270,149	32,274,185	510	32,274,695
Envirosafe Services of Ohio Inc	Oregon	OH	562	11	0	28,565,210	0	28,565,210	474	50	0	0	0	0	0	0	524	28,565,734	407	28,566,140
Newmont Mining Corp - Carlin South Area	Carlin	NV	2122	24	0	0	2,312	2,312	17,658	1,827	0	0	18	0	23,259,100	3,551,400	26,830,004	26,832,316	1,382	26,833,697
Buick Mine/Mill	Boss	MO	2122	4	0	0	0	0	20,733	731	33,760	0	0	0	22,128,000	3,188,000	25,371,224	25,371,224	0	25,371,224
ASARCO LLC Ray Complex/ Hayden Smelter & Concentrator	Hayden	AZ	331	17	0	0	11,726	11,726	96,325	211,024	0	0	0	0	0	24,997,597	25,304,946	25,316,672	241	25,316,913
Freeport-McMoran Miami Inc	Claypool	AZ	2122	17	0	0	0	0	156,225	142,282	1,277	0	0	0	281,400	23,785,702	24,366,885	24,366,885	937,715	25,304,600
DuPont Delisle Plant	Pass Christian	MS	325	22	11,302,298	0	12,187,103	23,489,401	4,073	801,535	2,504	0	0	0	0	23	808,135	24,297,536	30	24,297,566
US Ecology Idaho Inc	Grand View	ID	562	28	0	21,952,687	0	21,952,687	332	4,353	0	0	0	0	0	0	4,685	21,957,372	63,500	22,020,872
RRI Energy Inc Keystone Power Plant	Shelocta	PA	2211	15	0	0	978,867	978,867	14,122	20,557,620	18,581	0	0	0	0	0	20,590,322	21,569,189	0	21,569,189
Kennecott Utah Copper Smelter & Refinery	Magna	UT	331	21	0	0	0	0	8,067	98,276	5,495	0	0	0	20,974,708	3,970	21,090,516	21,090,516	280,828	21,371,344
Detroit Edison Monroe Power Plant	Monroe	MI	2211	20	0	0	0	0	5,225	14,691,263	28,627	0	0	0	5,422,457	0	20,147,573	20,147,573	13	20,147,585
Brandon Shores & Wagner Complex	Baltimore	MD	2211	29	0	0	0	0	54,372	19,606,895	2,545	0	0	0	0	0	19,663,812	19,663,812	780,785	20,444,597
Nyrstar Clarksville Inc	Clarksville	TN	2122	10	0	0	0	0	743	908,257	11,175	0	0	0	18,350,416	0	19,270,591	19,270,591	15,021	19,285,612
Montana Resources LLP	Butte	MT	2122	11	0	0	0	0	250	0	0	0	0	0	4,634,626	14,262,736	18,897,612	18,897,612	0	18,897,612
Solutia Inc	Cantonment	FL	325	24	18,368,478	0	0	18,368,478	19,056	100,168	0	0	0	0	0	0	119,225	18,487,703	525	18,488,228
Hecla Ltd Lucky Friday Mine Unit	Mullan	ID	2122	7	0	0	0	0	63	101	6,313	0	0	0	10,371,208	8,067,610	18,445,295	18,445,295	0	18,445,295
AK Steel Corp. (Rockport Works)	Rockport	IN	331	9	0	0	0	0	0	12,721	18,026,629	0	0	0	0	0	18,039,350	18,039,350	1,068,018	19,107,368
Solutia Inc	Alvin	TX	325	33	15,759,503	82,287	0	15,841,790	43,076	124,187	8,935	0	0	0	0	0	176,198	16,017,988	0	16,017,988
Chemical Waste Management Inc	Kettleman City	CA	562	39	0	15,936,989	7,031	15,944,020	12,399	82	0	0	0	51	0	0	12,531	15,956,551	9,903	15,966,454
Cytec Industries Inc Fortier Plant	Westwego	LA	325	21	15,393,784	0	0	15,393,784	5,686	238,191	27,018	0	0	0	0	0	270,895	15,664,679	801	15,665,480
Peoria Disposal Co #1	Peoria	IL	562	14	0	15,499,390	0	15,499,390	2	0	6	0	0	0	0	0	8	15,499,398	957,663	16,457,061
American Electric Power Amos Plant	Winfield	WV	2211	20	0	0	0	0	1,535	14,846,009	8,168	0	136,426	0	385,854	55	15,378,047	15,378,047	1,989,810	17,367,857
Monsanto Luling	Luling	LA	325	17	15,026,700	0	0	15,026,700	6,594	89,750	180,480	0	5,390	0	0	0	282,214	15,308,914	1,200	15,310,114
Bowen Steam Electric Generating Plant	Cartersville	GA	2211	21	0	0	0	0	94,000	11,993,561	31,410	0	0	0	3,160,234	0	15,279,205	15,279,205	270	15,279,475
US Army Radford Army Ammunition Plant	Radford	VA		14	0	0	0	0	28,554	262,476	14,008,765	0	0	0	0	460	14,300,255	14,300,255	13,249	14,313,504
Robinson Nevada Mining Co	Ruth	NV	2122	7	0	0	25	25	1,338	0	9	0	0	0	1,009,400	13,102,825	14,113,572	14,113,597	0	14,113,597
Florida Power Corp Crystal River Energy Complex	Crystal River	FL	2211	24	0	0	1,485,630	1,485,630	10,314	11,951,759	9,110	0	0	0	615	0	11,971,799	13,457,429	127	13,457,556
Cyprus Tohono Corp	Casa Grande	AZ	2122	2	0	0	13,394,000	13,394,000	257	0	0	0	0	0	0	0	257	13,394,257	0	13,394,257
Vickery Environmental Inc.	Vickery	OH	562	23	12,311,678	0	0	12,311,678	0	0	0	0	0	0	0	0	0	12,311,678	38,572	12,350,250
USS Gary Works	Gary	IN	331	46	0	0	10,066,687	10,066,687	348,558	262,941	1,355,801	0	0	0	0	0	1,967,300	12,033,987	609,639	12,643,626
Colstrip Steam Electric Station	Colstrip	MT	2211	23	0	0	11,502,840	11,502,840	218	293,746	0	0	0	0	0	0	293,964	11,796,804	178,509	11,975,313
Ineos USA LLC Green Lake Plant	Port Lavaca	TX	325	23	11,609,478	0	0	11,609,478	96,792	64,363	1,378	0	0	0	0	0	162,533	11,772,011	6,790	11,778,801
Doe Run Co Herculaneum Smelter	Herculaneum	MO	331	10	0	0	0	0	3,273	41,829	696	0	0	0	0	11,670,878	11,716,676	11,716,676	1,395	11,718,072
Branch Steam Electric Generating Plant	Milledgeville	GA	2211	20	0	0	0	0	0	9,304,682	41,153	0	0	0	2,253,254	0	11,599,089	11,599,089	26	11,599,115
Cortez Gold Mines	Crescent Valley	NV	2122	15	0	0	833	833	22,724	1,718	0	0	28	0	1,971,282	9,099,200	11,094,951	11,095,784	1,202	11,096,986
Ineos USA LLC	Lima	OH	325	35	10,629,270	0	0	10,629,270	24,561	111,926	0	0	0	0	0	0	136,487	10,765,757	1,343	10,767,100
Tronox LLC	Hamilton	MS	325	16	0	0	0	0	30,914	123,153	138,544	0	0	33,700	10,220,141	0	10,546,452	10,546,452	0	10,546,452
Pend Oreille Mine	Metaline Falls	WA	2122	9	0	0	0	0	1,684	1,793	249	0	0	0	10,538,588	0	10,542,313	10,542,313	503	10,542,816
American Electric Power Muskingum River Plant	Beverly	OH	2211	19	0	0	0	0	315	8,843,923	8,742	0	125,505	0	1,221,753	50	10,200,288	10,200,288	4,987	10,205,274
DuPont Johnsonville Plant	New Johnsonville	TN	325	21	0	0	8,620,827	8,620,827	1,902	1,495,039	4,287	0	0	0	0	0	1,501,228	10,122,055	0	10,122,055
Brushy Creek Mine/Mill	Bunker	MO	2122	3	0	0	0	0	7,560	0	7,269	0	0	0	9,534,000	0	9,548,829	9,548,829	0	9,548,829
Montana Tunnels Mining Inc	Jefferson City	MT	2122	8	0	0	857,688	857,688	9,352	2	0	0	0	0	8,503,863	0	8,513,217	9,370,905	0	9,370,905
US TVA Kingston Fossil Plant	Harriman	TN	2211	20	0	0	0	0	17,430	4,154,942	2,765,700	0	0	0	2,007,217	401,920	9,347,208	9,347,208	40,838	9,388,046
US TVA Paradise Fossil Plant	Drakesboro	KY	2211	23	0	0	0	0	21,055	7,124,387	237,650	0	0	0	1,828,262	0	9,211,355	9,211,355	310	9,211,664
Clean Harbors Lone Mountain LLC Lone Mountain Facility	Waynoka	OK	562	32	0	8,887,119	0	8,887,119	1,115	306	0	0	0	0	0	0	1,421	8,888,539	0	8,888,539

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/triprogram/FactorsToConPDF.pdf.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

The 50 Facilities with Largest Total Off-site Disposal or Other Releases, 2008

						Off-site Disposal or Other Releases																	
						Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other Off-site Disposal or Other Releases													
Facility	City	State	NAICS Code	Total Forms Number	Total On-site Disposal or Other Releases Pounds	Class I Wells Pounds	RCRA Subtitle C Landfills Pounds	Other Landfills Pounds	Subtotal Pounds	Storage Only Pounds	Solidification/ Stabilization (Metals and Metal Category Compounds Only) Pounds	Wastewater Treatment (Excluding POTWs) (Metals and Metal Category Compounds Only) Pounds	Transfers to POTWs (Metals and Metal Category Compounds Only) Pounds	Class II-V Wells Pounds	RCRA Subtitle C Surface Impoundments Pounds	Other Surface Impoundments Pounds	Land Treatment Pounds	Other Land Disposal Pounds	Other Off-site Management Pounds	Transfers to Waste Broker for Disposal Pounds	Unknown Pounds	Subtotal Pounds	Total Off-site Disposal or Other Releases Pounds	Total On-site and Off-site Disposal or Other Releases Pounds
Nucor Steel	Crawfordsville	IN	331	12	15,225	0	0	32,358,449	32,358,449	0	715,188	197,686	0	0	0	0	0	0	8,839	357	0	922,070	33,280,519	33,295,744
Steel Dynamics Inc	Butler	IN	331	19	20,264	15,151	31,439,623	167	31,454,941	0	0	0	18	0	0	0	0	0	523	98,017	22,898	121,456	31,576,397	31,596,661
Horsehead Corp Monaca Smelter	Monaca	PA	331	14	728,308	0	0	19,780,443	19,780,443	0	65,168	0	0	0	0	0	0	0	0	0	0	65,168	19,845,611	20,573,919
Severstal Wheeling Inc	Mingo Junction	OH	331	12	27,294	0	11,863,964	50,074	11,914,038	0	0	0	0	0	0	0	0	0	0	170	0	170	11,914,208	11,941,502
SSAB Alabama Inc	Axis	AL	331	8	17,125	0	0	479,865	479,865	0	11,243,058	0	0	0	0	0	0	0	0	0	0	11,243,058	11,722,923	11,740,048
ArcelorMittal USA Inc	East Chicago	IN	331	26	229,412	0	1,612	8,174,296	8,175,908	0	2,635,402	0	0	0	0	0	0	0	0	0	0	2,635,402	10,811,310	11,040,722
US Steel Corp Great Lakes Works	Ecorse	MI	331	20	317,559	0	0	9,006,724	9,006,724	0	188,988	0	541	0	0	0	0	0	2,152	0	0	191,681	9,198,405	9,515,964
Nucor Steel Tuscaloosa Inc	Tuscaloosa	AL	331	10	5,209	0	0	328,631	328,631	0	8,381,748	0	37	0	0	0	0	0	0	0	0	8,381,785	8,710,415	8,715,624
Steel Dynamics Inc Structural & Rail Div	Columbia City	IN	331	6	4	12	7,750,675	390,896	8,141,583	0	0	0	2	0	0	0	0	1,360	0	0	0	1,362	8,142,945	8,142,949
SSAB Iowa Inc	Muscatine	IA	331	10	5,653	0	0	580,410	580,410	0	7,235,148	0	0	0	0	0	0	0	0	0	0	7,235,148	7,815,558	7,821,211
Nucor Corp Nucor Steel Div	Plymouth	UT	331	9	991,599	0	7,787,410	921	7,788,331	0	0	0	0	0	0	0	0	0	0	0	0	0	7,788,331	8,779,930
Severstal North America Inc	Dearborn	MI	331	12	86,715	0	16	6,922,021	6,922,037	0	21,997	8	0	0	0	0	0	0	0	0	0	22,005	6,944,042	7,030,757
U.S. TVA Allen Fossil Plant	Memphis	TN	2211	16	1,370,722	0	264	4,311	4,575	0	0	0	0	0	0	0	0	6,864,488	0	12	0	6,864,499	6,869,074	8,239,796
Evonik Cyro LLC MMA Plant	Westwego	LA	325	7	11,321	6,762,792	990	18	6,763,800	0	0	0	0	0	0	0	0	0	0	0	0	0	6,763,800	6,775,121
Cascade Steel Rolling Mills Inc	Mcminnville	OR	331	6	10,356	0	6,055,978	0	6,055,978	0	0	0	0	0	0	0	0	0	0	0	0	0	6,055,978	6,066,334
MEMC Pasadena Inc	Pasadena	TX	325	4	41,440	25,503	0	6,023,617	6,049,120	0	0	0	0	0	0	0	0	0	0	0	0	0	6,049,120	6,090,560
Dominion Kincaid Generation LLC	Kincaid	IL	2211	15	797,333	0	0	0	0	0	0	0	0	0	0	0	0	5,877,928	0	0	0	5,877,928	5,877,928	6,675,261
USS Mon Valley Works - Edgar Thomson Plant	Braddock	PA	331	16	149,878	0	0	5,779,619	5,779,619	0	0	0	0	0	0	0	0	0	1	67	0	69	5,779,687	5,929,565
Steel Dynamics Inc - Engineered Bar Products Div	Pittsboro	IN	331	13	14,021	0	5,683,033	0	5,683,033	0	0	0	65	0	0	0	0	0	0	0	0	65	5,683,098	5,697,119
Heritage Environmental Services LLC	Indianapolis	IN	562	13	1,803	0	4,861,000	16,150	4,877,150	0	0	0	766	0	0	0	0	0	0	621,302	0	622,068	5,499,218	5,501,021
North American Stainless	Ghent	KY	331	9	3,288,185	0	0	3,032,280	3,032,280	0	0	0	0	0	0	0	0	2,078,046	0	0	0	2,078,046	5,110,326	8,398,511
ArcelorMittal Indiana Harbor LLC	East Chicago	IN	331	25	178,433	0	0	5,000,959	5,000,959	0	0	0	0	0	0	0	0	0	0	0	0	0	5,000,959	5,179,392
Basin Electric Antelope Valley Station	Beulah	ND	2211	17	122,130	0	0	4,917,003	4,917,003	0	0	0	0	0	0	0	0	0	0	0	0	0	4,917,003	5,039,133
Nucor Steel-Berkeley	Huger	SC	331	12	27,000	0	147,544	4,526,443	4,673,987	0	0	0	0	0	0	0	0	0	0	0	0	0	4,673,987	4,700,987
Keystone Steel & Wire Co	Peoria	IL	331	6	58,068	0	2,255,752	0	2,255,752	2,333,079	204	0	0	0	0	0	0	0	0	0	0	2,333,283	4,589,035	4,647,103
Quemetco Inc	Indianapolis	IN	331	5	1,689	0	1,178,125	2,864,259	4,042,384	0	0	0	319	0	0	0	0	0	0	0	0	319	4,042,703	4,044,392
Jorgensen Forge Corp	Tukwila	WA	332	5	1,963	0	0	3,942,590	3,942,590	0	73,740	0	0	0	0	0	0	0	0	0	0	73,740	4,016,330	4,018,293
Dow Chemical Co	Charleston	IL	326	3	1,020	0	0	3,958,620	3,958,620	0	0	0	0	0	0	0	0	0	0	0	0	0	3,958,620	3,959,640
U.S. TVA Johnsonville Fossil Plant	New Johnsonville	TN	2211	17	4,053,355	0	257	0	257	0	0	0	0	0	0	0	0	3,494,135	0	0	0	3,494,136	3,494,393	7,547,748
San Juan Generating Station	Waterflow	NM	2211	21	153,548	0	0	3,459,066	3,459,066	0	0	0	0	0	0	0	0	0	0	0	0	0	3,459,066	3,612,614
Sterling Steel Co LLC	Sterling	IL	331	5	6,561	0	0	993,605	993,605	0	2,400,026	0	0	0	0	0	0	0	0	0	0	2,400,026	3,393,631	3,400,192
Envirite of Illinois Inc	Harvey	IL	562	8	102	19,025	19,513	3,168,750	3,207,288	0	12,170	61	133	0	0	0	0	0	0	1,890	0	14,254	3,221,542	3,221,644
Steel Dynamics Inc Roanoke Bar Div	Roanoke	VA	331	7	18,578	0	3,201,859	0	3,201,859	0	0	0	0	0	0	0	0	0	0	0	0	0	3,201,859	3,220,437
Gerdau Ameristeel US Inc	Wilton	IA	331	9	19,719	0	0	3,166,533	3,166,533	0	0	0	0	0	0	0	0	0	0	0	0	0	3,166,533	3,186,252
Nucor Steel Marion Inc	Marion	OH	331	6	16,604	0	0	105,030	105,030	0	3,017,468	0	28	0	0	0	0	0	0	0	0	3,017,496	3,122,526	3,139,130
ArcelorMittal LaPlace LLC	La Place	LA	331	8	28,251	0	0	2,989,458	2,989,458	0	0	0	0	0	0	0	0	0	0	0	0	0	2,989,458	3,017,709
DuPont Edge Moor	Edgemoor	DE	325	22	267,312	0	8	2,783,554	2,783,562	0	0	0	0	0	0	0	0	0	0	0	0	0	2,783,562	3,050,874
Big Cajun 2	New Roads	LA	2211	18	2,647,022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,768,617	0	2,768,617	2,768,617	5,415,639
EQ Detroit Inc	Detroit	MI	562	32	18,357	88,959	38,221	2,460,106	2,587,286	0	0	0	25	0	0	0	0	0	168	0	28,040	28,233	2,615,519	2,633,876
W H Sammis Plant	Stratton	OH	2211	22	8,227,432	0	0	2,585,897	2,585,897	0	0	0	0	0	0	0	0	0	0	0	0	0	2,585,897	10,813,329
Hussey Copper Ltd.	Leetsdale	PA	331	3	46,465	0	35	0	35	0	0	0	0	0	0	0	0	0	0	2,542,234	0	2,542,234	2,542,269	2,588,734
AK Steel Corp. Mansfield Works	Mansfield	OH	331	8	15,576	0	2,249,346	0	2,249,346	0	0	0	0	0	0	0	0	0	0	0	0	0	2,249,346	2,264,922
Energizer Battery Manufacturing Inc	Marietta	OH	325	2	547	0	0	0	0	0	0	2,062,072	0	0	0	0	0	0	111,201	0	0	2,173,273	2,173,273	2,173,820
Nucor Steel Nebraska	Norfolk	NE	331	7	17,158	0	0	8,070	8,070	0	2,115,359	0	0	0	0	0	0	0	0	24,020	0	2,139,380	2,147,450	2,164,608
Thyssenkrupp Waupaca - Plant 5	Tell City	IN	331	14	88,803	0	0	2,083,184	2,083,184	0	0	0	0	0	0	0	0	0	0	5	0	5	2,083,189	2,171,992
Sigeco F B Culley Generating Station	Newburgh	IN	2211	16	131,638	0	0	0	0	0	0	0	0	0	0	0	0	2,058,459	5	0	0	2,058,465	2,058,465	2,190,103
Nucor Steel Hertford County	Cofield	NC	331	10	1,323	0	0	1,637,753	1,637,753	0	420,039	0	0	0	0	0	0	0	0	0	0	420,039	2,057,792	2,059,115
Tetra Micronutrients Inc.	Fairbury	NE	325	8	58,750	0	0	161,281	161,281	0	1,872,383	0	0	0	0	0	0	0	0	0	0	1,872,383	2,033,664	2,092,414
American Electric Power Amos Plant	Winfield	WV	2211	20	15,378,047	0	0	1,989,810	1,989,810	0	0	0	0	0	0	0	0	0	0	0	0	0	1,989,810	17,367,857
Bruce Mansfield Power Plant	Shippingport	PA	2211	20	512,711	0	0	0	0	0	0	0	0	0	0	1,963,529	0	0	0	0	0	1,963,529	1,963,529	2,476,240

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Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

TRI On-site and Off-site Disposal or Other Releases, by Industry, 2008: Carcinogens

		On-site Disposal or Other Releases															
		On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other On-site Disposal or Other Releases											
SIC Code	Industry	Class I Wells	RCRA Subtitle C Landfills	Other On-site Landfills	Subtotal	Fugitive Air Emissions	Point Source Air Emissions	Surface Water Discharges	Class II-V Wells	Land Treatment	RCRA Subtitle C Surface Impoundments	Other Surface Impoundments	Other Land Disposal	Subtotal	Total On-site Disposal or Other Releases	Total Off-site Disposal or Other Releases	Total On-site and Off-site Disposal or Other Releases
		Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
2121	Coal Mining	4	0	657,273	657,277	96	83	597	22,033	1,180,123	0	216,614	141,188	1,560,734	2,218,010	8,220	2,226,231
2122	Metal Mining	0	0	3,656,145	3,656,145	77,918	12,267	18,584	6,986,927	1,189	351,821	191,874,895	289,193,574	488,517,174	492,173,319	456,280	492,629,599
2211	Electric Utilities	226	15,546	14,490,922	14,506,694	300,470	733,556	673,277	4	447,004	112,049	12,912,513	2,319,811	17,498,685	32,005,379	8,172,837	40,178,215
311/312	Food/Beverages/Tobacco	1,110	0	0	1,110	196,999	2,017,483	7,390	0	54,389	0	606	2,073	2,278,941	2,280,051	359,507	2,639,558
313/314	Textiles	0	0	0	0	45,405	123,003	2,405	0	5,000	0	1,124	3	176,941	176,941	73,180	250,120
315	Apparel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,000	2,000
316	Leather	203	0	0	203	1,720	1,412	5	0	0	0	0	0	3,137	3,340	562,366	565,706
321	Wood Products	0	266	12,101	12,367	351,893	3,364,584	6,258	0	711	0	407	1,885	3,725,738	3,738,105	545,719	4,283,824
322	Paper	0	11,365	409,883	421,249	2,111,619	6,707,400	728,664	0	15,966	21,500	345,035	3,236	9,933,420	10,354,668	355,014	10,709,682
323/51	Printing and Publishing	0	0	0	0	5,739	5,755	0	0	0	0	0	11	11,505	11,505	4,064	15,570
324	Petroleum	81,110	27	1,131	82,268	1,785,940	1,862,889	31,892	322	15,231	54	6,808	11,168	3,714,304	3,796,572	1,293,485	5,090,058
325	Chemicals	25,744,873	104,494	5,766,159	31,615,526	6,302,781	10,173,516	274,088	1	8,391	34,013	2,196,316	1,767,718	20,756,825	52,372,351	6,999,539	59,371,890
326	Plastics and Rubber	0	35,527	1,480	37,007	3,736,805	12,675,923	916	0	0	0	4	229	16,413,877	16,450,884	1,761,742	18,212,626
327	Stone/Clay/Glass	3,287	12	89,056	92,356	233,679	1,200,126	832	0	768	2	7,683	195,296	1,638,386	1,730,742	1,521,064	3,251,806
32731	Cement	0	20,820	384,046	404,866	9,186	450,216	473	0	0	0	20	19,940	479,835	884,701	20,549	905,250
331	Primary Metals	260,466	298,909	5,799,769	6,359,144	1,074,906	2,144,789	61,095	0	1,816	0	8,581,238	7,670,772	19,534,616	25,893,760	27,573,740	53,467,499
332	Fabricated Metals	0	0	383	383	1,054,346	1,492,560	6,463	0	3,831	0	8	16,203	2,573,410	2,573,793	3,132,605	5,706,398
333	Machinery	0	0	1,298	1,298	196,512	908,507	2,525	0	3	0	0	1,061	1,108,608	1,109,907	394,940	1,504,847
334	Computers/Electronic Products	0	5	0	5	105,474	159,317	563	0	0	0	0	1,845	267,198	267,203	372,828	640,031
335	Electrical Equipment	0	30	6,627	6,656	207,651	184,468	1,641	0	0	0	6,404	578	400,741	407,398	1,562,717	1,970,115
336	Transportation Equipment	0	0	141,240	141,240	2,737,970	8,263,295	6,250	0	0	0	974	18,571	11,027,060	11,168,300	1,746,544	12,914,844
337	Furniture	0	0	0	0	73,799	381,137	6	0	550	0	0	284	455,775	455,775	12,256	468,032
339	Miscellaneous Manufacturing	0	253	5	258	174,830	1,048,600	129	0	0	0	0	0	1,223,558	1,223,816	123,773	1,347,589
4246	Chemical Wholesalers	0	0	0	0	23,380	71,626	10	0	0	0	0	0	95,016	95,016	16,316	111,332
4247	Petroleum Bulk Terminals	0	0	0	0	391,607	202,391	3,247	0	0	0	1	1,230	598,476	598,476	33,226	631,702
562	Hazardous Waste Management	981,099	36,146,683	3,310,980	40,438,762	147,670	148,911	7,643	0	0	19	506,195	125,041	935,478	41,374,240	8,243,792	49,618,032
	No TRI NAICS Code	0	19,900	2,203,296	2,223,196	387,087	328,104	4,290	0	2	2,480	28,611	4,199,658	4,950,231	7,173,427	555,475	7,728,902
	Total	**27,072,379**	**36,653,838**	**36,931,794**	**100,658,011**	**21,735,481**	**54,661,918**	**1,839,241**	**7,009,286**	**1,734,975**	**521,938**	**216,685,454**	**305,691,377**	**609,879,669**	**710,537,680**	**65,903,776**	**776,441,456**

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Does not include Off-site Disposal or Other Releases transferred to other TRI facilities that reported the amounts as on-site disposal or other releases.

TRI On-site and Off-site Disposal or Other Releases, by State, 2008: Carcinogens

	On-site Disposal or Other Releases															
	On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other On-site Disposal or Other Releases											
State	Class I Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Landfills Pounds	Subtotal Pounds	Fugitive Air Emissions Pounds	Point Source Air Emissions Pounds	Surface Water Discharges Pounds	Class II-V Wells Pounds	Land Treatment Pounds	RCRA Subtitle C Surface Impoundments Pounds	Other Surface Impoundments Pounds	Other Land Disposal Pounds	Subtotal Pounds	Total On-site Disposal or Other Releases Pounds	Total Off-site Disposal or Other Releases Pounds	Total On-site and Off-site Disposal or Other Releases Pounds
Alabama	0	4,113,431	2,403,616	6,517,047	1,048,641	1,881,469	129,966	21,526	591	0	1,944,567	83,860	5,110,620	11,627,667	1,879,958	13,507,625
Alaska	0	0	2,620	2,620	22,335	14,933	365	6,976,639	0	0	72,830,172	126,348,132	206,192,575	206,195,195	8,714	206,203,909
American Samoa	0	0	0	0	0	6	0	0	0	0	0	0	6	6	0	6
Arizona	0	0	689,204	689,204	97,395	247,327	793	0	11	0	8,826,706	11,432,722	20,604,954	21,294,158	198,838	21,492,996
Arkansas	39,649	3,442	163,675	206,766	543,997	1,406,676	68,337	1	14,035	0	684,443	89,641	2,807,129	3,013,894	441,365	3,455,259
California	0	10,384,760	23,277	10,408,037	318,942	1,300,610	3,497	287	382	19	97	4,586,309	6,210,143	16,618,180	1,288,682	17,906,862
Colorado	0	253	171,739	171,992	82,920	82,645	50	0	1,079	0	3,330,402	2,481,222	5,978,318	6,150,310	145,443	6,295,753
Connecticut	0	0	238	238	219,700	288,160	2,566	0	0	0	0	993	511,419	511,657	515,494	1,027,151
Delaware	0	0	131,058	131,058	25,416	129,926	5,627	0	0	0	1,257	8,661	170,886	301,944	290,068	592,012
District of Columbia	0	0	0	0	2	0	0	0	0	0	0	0	3	3	263	266
Florida	329,279	0	1,146,884	1,476,163	1,092,754	2,319,300	97,423	0	46,918	0	34,141	50,855	3,641,391	5,117,554	424,152	5,541,706
Georgia	0	0	255,178	255,178	761,506	3,069,040	65,937	0	51	21,500	2,138,901	296,238	6,353,173	6,608,350	325,794	6,934,144
Guam	0	0	0	0	4,175	2,018	1	0	0	0	18	1,264	7,476	7,476	1,010	8,486
Hawaii	0	0	0	0	13,508	79,319	411	27	0	0	0	27,833	121,098	121,098	16,093	137,191
Idaho	0	3,364,827	166,756	3,531,583	76,418	293,502	19,923	0	215	351,821	2,610,223	3,972,745	7,324,847	10,856,430	275,583	11,132,013
Illinois	1,567	1,249,366	305,105	1,556,039	761,873	1,969,708	21,012	0	1,891	0	272,482	68,539	3,095,505	4,651,544	3,252,085	7,903,629
Indiana	47,113	140,305	2,425,329	2,612,747	1,443,119	3,931,904	21,883	0	814,275	0	1,588,227	1,038,829	8,838,238	11,450,985	11,753,276	23,204,261
Iowa	0	0	151,621	151,621	176,547	1,729,289	15,486	0	3	0	24,022	7,576	1,952,924	2,104,545	807,414	2,911,959
Kansas	30,836	0	245,119	275,955	514,207	1,058,759	388	0	3,069	0	28,099	45,438	1,649,960	1,925,915	800,867	2,726,782
Kentucky	3,292	0	1,306,146	1,309,438	669,324	924,273	51,792	0	23,312	0	1,933,990	247,457	3,850,148	5,159,586	4,315,394	9,474,980
Louisiana	11,581,761	1,924,881	1,476,279	14,982,921	1,703,539	2,657,830	124,056	0	3,034	246	658,276	46,469	5,193,451	20,176,371	1,078,964	21,255,336
Maine	0	0	6,192	6,192	133,290	326,777	38,390	0	0	0	0	945	499,402	505,593	239,497	745,090
Maryland	0	28	204,505	204,533	87,889	382,113	1,429	506	110,428	0	0	10,219	592,585	797,118	944,650	1,741,767
Massachusetts	0	0	2,188	2,188	105,887	122,399	3,974	0	2	0	1,591	14,571	248,424	250,612	503,578	754,189
Michigan	8,500	2,090,236	340,673	2,439,409	470,142	1,447,759	17,171	0	750	0	540,971	55,238	2,532,031	4,971,440	1,613,929	6,585,369
Minnesota	0	0	170,623	170,623	426,859	1,001,375	4,427	0	0	0	43,523	71,137	1,547,321	1,717,944	502,778	2,220,721
Mississippi	1,777,088	0	2,559,477	4,336,565	258,095	876,117	29,689	0	0	33,700	889,513	63,979	2,151,093	6,487,658	282,414	6,770,072
Missouri	0	106,479	111,953	218,432	374,719	893,553	17,936	0	13	12,000	20,322,842	6,051,549	27,672,612	27,891,044	1,638,685	29,529,729
Montana	0	51	1,150,896	1,150,947	56,729	559,267	1,136	10,288	551	0	2,642,060	4,804,969	8,074,999	9,225,946	452,599	9,678,546
Nebraska	0	0	119,172	119,172	12,506	586,866	1,144	0	0	0	0	5,247	605,763	724,935	787,755	1,512,690
Nevada	0	1,384,120	365,475	1,749,595	9,098	36,833	15	0	36	0	68,802,055	82,494,545	151,342,582	153,092,178	51,204	153,143,381
New Hampshire	0	0	0	0	16,539	16,146	24	0	0	0	5,050	13	37,773	37,773	36,101	73,874
New Jersey	0	71,885	0	71,885	74,501	288,004	20,497	0	0	2,480	0	120,746	506,227	578,112	536,507	1,114,619
New Mexico	493	0	356,949	357,442	70,102	55,790	562	0	12	0	170,288	8,451,002	8,747,755	9,105,197	60,619	9,165,816
New York	0	777,136	136,169	913,306	181,687	517,409	37,225	0	16	0	138,967	81,509	956,813	1,870,119	617,283	2,487,402
North Carolina	0	30	634,805	634,835	371,850	1,824,552	187,834	0	245	0	1,541,006	1,284,430	5,209,916	5,844,751	665,636	6,510,386
North Dakota	0	0	146,406	146,406	76,302	519,152	646	12	1	0	260,309	89,095	945,519	1,091,925	455,329	1,547,253
Northern Mariana Islands	0	0	0	0	274	856	0	0	0	0	2	0	1,132	1,132	0	1,132
Ohio	3,107,443	1,463,940	1,615,104	6,186,487	1,036,652	1,803,297	48,183	0	235,760	100,045	2,127,444	143,121	5,494,503	11,680,990	6,208,573	17,889,563
Oklahoma	350	3,051,869	57,934	3,110,153	318,415	397,254	8,034	0	10,206	0	7,985	71,071	812,964	3,923,117	524,183	4,447,300
Oregon	0	970,396	2,689,695	3,660,091	233,257	1,138,252	20,949	0	273	1	306	10,089	1,403,127	5,063,218	192,612	5,255,829
Pennsylvania	0	5	1,246,392	1,246,397	973,066	1,891,653	26,398	0	830	5	506,553	1,126,939	4,525,443	5,771,840	9,114,293	14,886,133
Puerto Rico	0	0	1	1	301,669	193,813	338	0	0	0	0	10,119	505,940	505,941	180,949	686,890
Rhode Island	0	0	0	0	11,115	39,598	19	0	0	0	0	1,116	51,848	51,848	43,286	95,134
South Carolina	0	0	888,954	888,954	1,662,885	2,765,284	76,652	0	5,155	67	782,821	304,713	5,597,577	6,486,531	1,414,639	7,901,170
South Dakota	0	0	2,099,387	2,099,387	12,571	228,690	688	0	0	0	2	190	242,141	2,341,528	9,478	2,351,005
Tennessee	0	8,103	2,063,820	2,071,923	826,179	3,169,585	465,806	0	0	0	5,944,459	87,049	10,493,078	12,565,000	1,655,265	14,220,266
Texas	10,145,003	1,537,345	1,652,382	13,334,730	3,091,537	6,341,074	53,074	0	141,588	54	672,609	409,449	10,709,387	24,044,116	3,717,287	27,761,403
Utah	0	3,990,268	2,340,341	6,330,609	70,307	92,764	2,402	0	1,211	0	10,281,342	47,558,992	58,007,018	64,337,627	1,084,482	65,422,110
Vermont	0	0	0	0	23,961	2,954	0	0	0	0	0	16,093	43,008	43,008	13,505	56,513
Virgin Islands	0	0	0	0	10,953	65,434	2	0	62	0	0	3,412	79,862	79,862	16,486	96,348
Virginia	0	0	412,994	412,994	202,162	1,284,765	19,223	0	3,838	0	284,563	304,174	2,098,726	2,511,720	324,356	2,836,076
Washington	0	19,988	2,204,106	2,224,094	191,386	792,754	102,529	0	69	0	3,113,011	238,034	4,437,783	6,661,877	866,473	7,528,351
West Virginia	0	106	1,849,832	1,849,938	173,564	675,920	14,322	0	315,031	0	637,618	893,028	2,709,482	4,559,420	1,803,362	6,362,782
Wisconsin	0	587	12,245	12,832	242,773	892,403	8,980	0	0	0	71	78,800	1,223,027	1,235,859	1,485,477	2,721,337
Wyoming	4	0	429,282	429,286	50,240	44,765	34	0	31	0	62,469	1,009	158,547	587,834	41,049	628,883
Total	**27,072,379**	**36,653,838**	**36,931,794**	**100,658,011**	**21,735,481**	**54,661,918**	**1,839,241**	**7,009,286**	**1,734,975**	**521,938**	**216,685,454**	**305,691,377**	**609,879,669**	**710,537,680**	**65,903,776**	**776,441,456**

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The 50 Facilities with Largest TRI On- and Off-site Disposal or Other Releases, 2008: Carcinogens

					On-site Disposal or Other Releases													
					On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other On-site Disposal or Other Releases									
Facility	City	State	NAICS Code	Total Forms	Class I Wells	RCRA Subtitle C Landfills	Other On-site Landfills	Subtotal	Fugitive Air Emissions	Point Source Air Emissions	Surface Water Discharges	Class II-V Wells	Land Treatment	RCRA Subtitle C Surface Impoundments	Other Surface Impoundments	Other Land Disposal	Subtotal	Total On-site Disposal or Other Releases
				Number	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
Red Dog Operations	Kotzebue	AK	2122	6	0	0	0	0	7,640	101	117	0	0	0	72,162,954	112,654,910	184,825,722	184,825,722
Newmont Mining Corp Copper Canyon Facility	Battle Mountain	NV	2122	4	0	0	2	2	350	1	0	0	0	0	4,504,968	48,002,010	52,507,329	52,507,331
Kennecott Utah Copper Mine Concentrators & Power Plant	Copperton	UT	2122	6	0	0	70,476	70,476	1,796	57	1,271	0	1,142	0	3,314,753	47,515,313	50,834,332	50,904,808
Barrick Goldstrike Mines Inc	Elko	NV	2122	8	0	0	2,691	2,691	658	218	0	0	0	0	25,356,523	4,097,358	29,454,757	29,457,448
Newmont Mining Corp Twin Creeks Mine	Golconda	NV	2122	6	0	0	2,641	2,641	38	215	5	0	0	0	23,298,651	1,089,860	24,388,769	24,391,410
Newmont Mining Corp - Carlin South Area	Carlin	NV	2122	6	0	0	241	241	675	421	0	0	18	0	14,014,000	3,100,000	17,115,114	17,115,355
Hecla Greens Creek Mining Co	Juneau	AK	2122	3	0	0	0	0	172	488	140	6,976,639	0	0	0	9,935,404	16,912,843	16,912,843
Robinson Nevada Mining Co	Ruth	NV	2122	2	0	0	5	5	33	0	9	0	0	0	773,000	13,100,005	13,873,047	13,873,052
Buick Mine/Mill	Boss	MO	2122	2	0	0	0	0	15,881	500	8,209	0	0	0	9,588,000	2,656,000	12,268,590	12,268,590
Chemical Waste Management Inc	Kettleman City	CA	562	15	0	9,434,021	836	9,434,857	1,986	28	0	0	0	18	0	0	2,032	9,436,889
Cortez Gold Mines	Crescent Valley	NV	2122	4	0	0	140	140	383	0	0	0	18	0	310,029	9,017,538	9,327,968	9,328,108
Monsanto Luling	Luling	LA	325	6	9,111,700	0	0	9,111,700	2,300	34,000	4,360	0	2,300	0	0	0	42,960	9,154,660
Freeport McMoran Tyrone Inc	Tyrone	NM	2122	2	0	0	0	0	37	0	0	0	0	0	0	7,180,000	7,180,037	7,180,037
Kennecott Utah Copper Smelter & Refinery	Magna	UT	331	7	0	0	0	0	1,359	9,576	1,104	0	0	0	6,868,577	970	6,881,586	6,881,586
Nyrstar Clarksville Inc	Clarksville	TN	2122	2	0	0	0	0	12	3,541	832	0	0	0	5,376,287	0	5,380,672	5,380,672
Freeport-McMoran Miami Inc	Claypool	AZ	2122	7	0	0	0	0	11,620	3,375	516	0	0	0	3,400	4,981,000	4,999,911	4,999,911
Fletcher Mine/Mill	Centerville	MO	2122	1	0	0	0	0	8,043	200	3,150	0	0	0	4,960,000	0	4,971,393	4,971,393
Ineos USA LLC Green Lake Plant	Port Lavaca	TX	325	6	4,338,240	0	0	4,338,240	26,493	9,962	0	0	0	0	0	0	36,455	4,374,695
DuPont Delisle Plant	Pass Christian	MS	325	8	1,777,088	0	2,420,352	4,197,440	0	184	242	0	0	0	0	13	440	4,197,880
Freeport-McMoran Morenci Inc	Morenci	AZ	2122	8	0	0	0	0	8,368	276	250	0	0	0	3,206,000	959,000	4,173,894	4,173,894
Montana Resources LLP	Butte	MT	2122	3	0	0	0	0	250	0	0	0	0	0	101,056	4,022,753	4,124,059	4,124,059
Chemical Waste Management	Emelle	AL	562	14	0	4,113,431	0	4,113,431	217	1,346	0	0	0	0	0	0	1,563	4,114,994
Western Mesquite Mines Inc.	Brawley	CA	2122	1	0	0	0	0	15	0	0	0	0	0	0	4,078,067	4,078,082	4,078,082
Brushy Creek Mine/Mill	Bunker	MO	2122	1	0	0	0	0	5,471	0	1,343	0	0	0	3,646,000	0	3,652,814	3,652,814
Chemical Waste Management of the Northwest Inc	Arlington	OR	562	12	0	970,396	2,672,910	3,643,306	36	0	0	0	0	1	16	0	52	3,643,358
Quemetco Inc	Indianapolis	IN	331	4	0	0	0	0	0	1,416	0	0	0	0	0	0	1,416	1,416
US Ecology Idaho Inc	Grand View	ID	562	9	0	3,364,827	0	3,364,827	60	790	0	0	0	0	0	0	850	3,365,677
Climax Molybdenum Co Henderson Mill	Parshall	CO	2122	2	0	0	0	0	6	7	0	0	0	0	3,330,000	0	3,330,013	3,330,013
Doe Run Co Herculaneum Smelter	Herculaneum	MO	331	5	0	0	0	0	2,936	36,866	326	0	0	0	0	3,231,041	3,271,169	3,271,169
ASARCO LLC Ray Complex/ Hayden Smelter & Concentrator	Hayden	AZ	331	7	0	0	9,429	9,429	14,092	1,524	0	0	0	0	0	3,222,579	3,238,195	3,247,624
Hecla Ltd Lucky Friday Mine Unit	Mullan	ID	2122	2	0	0	0	0	25	86	387	0	0	0	1,661,683	1,566,751	3,228,932	3,228,932
North American Stainless	Ghent	KY	331	3	0	0	0	0	0	30,209	2,309	0	0	0	0	0	32,517	32,517
Clean Harbors Lone Mountain LLC Lone Mountain Facility	Waynoka	OK	562	10	0	3,051,869	0	3,051,869	100	97	0	0	0	0	0	0	197	3,052,066
Pend Oreille Mine	Metaline Falls	WA	2122	4	0	0	0	0	143	305	64	0	0	0	3,047,354	0	3,047,865	3,047,865
Clean Harbors Grassy Mountain LLC	Grantsville	UT	562	10	0	2,826,835	0	2,826,835	11	0	0	0	0	0	0	0	11	2,826,846
Montana Tunnels Mining Inc	Jefferson City	MT	2122	3	0	0	851,085	851,085	855	1	0	0	0	0	1,885,981	0	1,886,837	2,737,922
Solutia Inc	Alvin	TX	325	10	2,432,709	9	0	2,432,718	16,082	53,762	0	0	0	0	0	0	69,844	2,502,562
Ineos USA LLC	Lima	OH	325	11	2,415,870	0	0	2,415,870	8,562	35,664	0	0	0	0	0	0	44,226	2,460,096
Heritage Environmental Services LLC	Indianapolis	IN	562	3	0	0	0	0	0	251	6	0	0	0	0	0	257	257
Cripple Creek & Victor Gold Mining Co	Victor	CO	2122	2	0	0	0	0	94	27	0	0	0	0	0	2,402,430	2,402,552	2,402,552
Fort Knox Mine	Fairbanks	AK	2122	3	0	0	0	0	23	1	0	0	0	0	667,218	1,697,950	2,365,193	2,365,193
US DOE Hanford Site	Richland	WA		1	0	19,900	2,200,157	2,220,057	6	1	0	0	0	0	0	9,611	9,618	2,229,675
Wayne Disposal Inc	Belleville	MI	562	18	0	2,066,003	0	2,066,003	6	26	0	0	0	0	0	0	32	2,066,036
Sanders Lead Co Inc	Troy	AL	331	4	0	0	2,149,160	2,149,160	3,019	6,452	374	0	0	0	0	0	9,845	2,159,005
Wharf Resources	Lead	SD	2122	1	0	0	2,087,100	2,087,100	1,900	19	0	0	0	0	0	0	1,919	2,089,019
Sweetwater Mine/Mill	Ellington	MO	2122	1	0	0	0	0	3,115	0	1,186	0	0	0	2,022,000	0	2,026,301	2,026,301
Freeport-McMoran Sierrita Inc	Green Valley	AZ	2122	5	0	0	0	0	325	21	0	0	0	0	1,321,000	625,255	1,946,601	1,946,601
Chemical Waste Management - Lake Charles Facility	Sulphur	LA	562	14	0	1,915,828	0	1,915,828	50	0	0	0	0	0	0	0	50	1,915,878
Pogo Mine	Delta Junction	AK	2122	4	0	0	0	0	5	731	6	0	0	0	0	1,892,945	1,893,687	1,893,687
Horsehead Corp Monaca Smelter	Monaca	PA	331	5	0	0	0	0	105	11,880	111	0	0	0	0	0	12,096	12,096

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at http://www.epa.gov/tri/tridata.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

11/19/09

The 50 Facilities with Largest TRI On- and Off-site Disposal or Other Releases, 2008: Carcinogens

	Off-site Disposal or Other Releases																		
	Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other Off-site Disposal or Other Releases														
Facility	**Class I Wells** Pounds	**RCRA Subtitle C Landfills** Pounds	**Other Landfills** Pounds	**Subtotal** Pounds	**Storage Only** Pounds	**Solidification/ Stabilization (Metals and Metal Category Compounds Only)** Pounds	**Wastewater Treatment (Excluding POTWs) (Metals and Metal Category Compounds Only)** Pounds	**Transfers to POTWs (Metals and Metal Category Compounds Only)** Pounds	**Class II-V Wells** Pounds	**RCRA Subtitle C Surface Impoundments** Pounds	**Other Surface Impoundments** Pounds	**Land Treatment** Pounds	**Other Land Disposal** Pounds	**Other Off-site Management** Pounds	**Transfers to Waste Broker for Disposal** Pounds	**Unknown** Pounds	**Subtotal** Pounds	**Total Off-site Disposal or Other Releases** Pounds	**Total On-site and Off-site Disposal or Other Releases** Pounds
Red Dog Operations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11	11	184,825,733
Newmont Mining Corp Copper Canyon Facility	0	44	0	44	0	0	0	0	0	0	0	0	0	0	0	0	0	44	52,507,375
Kennecott Utah Copper Mine Concentrators & Power Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50,904,808
Barrick Goldstrike Mines Inc	0	1,251	0	1,251	0	0	0	0	0	0	0	0	0	0	0	0	0	1,251	29,458,699
Newmont Mining Corp Twin Creeks Mine	0	476	0	476	0	0	0	0	0	0	0	0	0	0	0	0	0	476	24,391,886
Newmont Mining Corp - Carlin South Area	0	7	0	7	0	0	0	0	0	0	0	0	0	62	0	0	62	69	17,115,424
Hecla Greens Creek Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16,912,843
Robinson Nevada Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13,873,052
Buick Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12,268,590
Chemical Waste Management Inc	0	0	0	0	0	0	159	0	0	0	0	0	0	7,343	0	0	7,502	7,502	9,444,392
Cortez Gold Mines	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	9,328,109
Monsanto Luling	0	0	71	71	0	0	0	0	0	0	0	0	0	0	0	0	0	71	9,154,731
Freeport McMoran Tyrone Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,180,037
Kennecott Utah Copper Smelter & Refinery	0	0	0	0	0	25,925	0	0	0	0	0	0	0	0	0	0	25,925	25,925	6,907,511
Nyrstar Clarksville Inc	0	0	0	0	0	9,346	0	0	0	0	0	0	0	0	0	0	9,346	9,346	5,390,018
Freeport-McMoran Miami Inc	0	0	0	0	0	6	0	59	0	0	0	0	11,205	0	0	0	11,270	11,270	5,011,180
Fletcher Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,971,393
Ineos USA LLC Green Lake Plant	0	0	0	0	0	311	0	0	0	0	0	0	0	0	0	0	311	311	4,375,006
DuPont Delisle Plant	0	0	12	12	0	0	0	0	0	0	0	0	0	0	0	0	0	12	4,197,892
Freeport-McMoran Morenci Inc	0	2,694	0	2,694	0	0	0	0	0	0	0	0	0	0	0	1,445	1,445	4,139	4,178,033
Montana Resources LLP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,124,059
Chemical Waste Management	0	0	0	0	0	3,270	0	0	0	0	0	0	0	1,158	0	0	4,428	4,428	4,119,422
Western Mesquite Mines Inc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,078,082
Brushy Creek Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,652,814
Chemical Waste Management of the Northwest Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	40	0	0	40	40	3,643,398
Quemetco Inc	0	1,077,672	2,369,882	3,447,554	0	0	0	111	0	0	0	0	0	0	0	0	111	3,447,665	3,449,081
US Ecology Idaho Inc	0	63,500	0	63,500	0	0	0	0	0	0	0	0	0	0	0	0	0	63,500	3,429,177
Climax Molybdenum Co Henderson Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,330,013
Doe Run Co Herculaneum Smelter	0	0	0	0	0	165	0	1,047	0	0	0	0	0	0	0	0	1,212	1,212	3,272,382
ASARCO LLC Ray Complex/ Hayden Smelter & Concentrator	0	68	0	68	0	0	0	0	0	0	0	0	0	0	0	0	0	68	3,247,692
Hecla Ltd Lucky Friday Mine Unit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,228,932
North American Stainless	0	0	3,032,280	3,032,280	0	0	0	0	0	0	0	0	128,617	0	0	0	128,617	3,160,897	3,193,414
Clean Harbors Lone Mountain LLC Lone Mountain Facility	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,052,066
Pend Oreille Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	38	0	0	38	38	3,047,903
Clean Harbors Grassy Mountain LLC	0	0	0	0	246	0	0	0	0	0	0	0	0	0	0	0	246	246	2,827,092
Montana Tunnels Mining Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,737,922
Solutia Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,502,562
Ineos USA LLC	0	30	890	920	0	229	0	0	0	0	0	0	0	0	0	0	229	1,149	2,461,245
Heritage Environmental Services LLC	0	1,920,000	4,100	1,924,100	0	0	0	256	0	0	0	0	0	0	490,227	0	490,483	2,414,583	2,414,840
Cripple Creek & Victor Gold Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,402,552
Fort Knox Mine	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	4	4	2,365,196
US DOE Hanford Site	0	0	0	0	0	3,536	0	0	0	0	0	0	7,501	0	501	1,471	13,008	13,008	2,242,684
Wayne Disposal Inc	0	14,916	154,271	169,187	0	0	0	216	0	0	0	0	0	0	0	0	216	169,403	2,235,438
Sanders Lead Co Inc	0	1	17	18	0	0	0	13	0	0	0	0	0	0	0	0	13	31	2,159,035
Wharf Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,089,019
Sweetwater Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,026,301
Freeport-McMoran Sierrita Inc	0	0	6	6	0	0	0	0	0	0	0	0	0	5	0	5	10	16	1,946,617
Chemical Waste Management - Lake Charles Facility	20	0	0	20	0	6,281	0	0	0	0	0	0	0	180	0	0	6,461	6,481	1,922,359
Pogo Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5	5	1,893,693
Horsehead Corp Monaca Smelter	0	0	1,862,097	1,862,097	0	18,792	0	0	0	0	0	0	0	0	0	0	18,792	1,880,889	1,892,985

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data document at www.epa.gov/tri/triprogram/FactorsToConPDF.pdf.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

TRI On-site and Off-site Disposal or Other Releases, by Industry, 2008: Lead and Lead Compounds

		On-site Disposal or Other Releases															
		On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other On-site Disposal or Other Releases											
NAICS Code	Industry	Class I Wells	RCRA Subtitle C Landfills	Other On-site Landfills	Subtotal	Fugitive Air Emissions	Point Source Air Emissions	Surface Water Discharges	Class II-V Wells	Land Treatment	RCRA Subtitle C Surface Impoundments	Other Surface Impoundments	Other Land Disposal	Subtotal	Total On-site Disposal or Other Releases	Total Off-site Disposal or Other Releases	Total On-site and Off-site Disposal or Other Releases
		Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
2121	Coal Mining	4	0	419,444	419,448	50	73	22	21,422	183,661	0	215,031	29,845	450,104	869,552	8,220	877,772
2122	Metal Mining	0	0	3,645,230	3,645,230	56,344	7,272	15,356	6,036,927	292	66,129	127,549,720	282,875,419	416,607,458	420,252,688	7,774	420,260,462
2211	Electric Utilities	21	0	2,839,117	2,839,138	3,777	139,854	83,356	4	82,949	0	2,206,023	500,039	3,016,002	5,855,140	1,718,690	7,573,830
311/312	Food/Beverages/Tobacco	0	0	0	0	20	18,811	738	0	583	0	606	1,985	22,743	22,743	106,589	129,332
313/314	Textiles	0	0	0	0	320	2,046	94	0	0	0	1,124	3	3,587	3,587	17,104	20,691
315	Apparel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,000	2,000
316	Leather	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
321	Wood Products	0	266	9,488	9,754	102	6,067	31	0	254	0	157	1,686	8,297	18,051	35,047	53,097
322	Paper	0	8,545	160,718	169,263	27	22,363	27,698	0	14,785	0	59,877	3,150	127,901	297,163	264,090	561,254
323/51	Printing and Publishing	0	0	0	0	6	26	0	0	0	0	0	11	43	43	3,599	3,643
324	Petroleum	584	9	349	943	609	8,311	2,729	68	8,679	6	2,723	1,072	24,198	25,141	377,138	402,279
325	Chemicals	228,529	883	1,309,014	1,538,426	3,846	17,495	9,233	0	77	0	180,748	99,025	310,424	1,848,850	1,065,927	2,914,777
326	Plastics and Rubber	0	587	630	1,217	1,083	2,165	31	0	0	0	3	229	3,510	4,727	67,353	72,080
327	Stone/Clay/Glass	3,287	12	65,998	69,297	3,547	29,729	116	0	15	2	4,120	128,964	166,493	235,790	237,763	473,553
32731	Cement	0	20,820	305,437	326,257	1,869	7,536	175	0	0	0	17	12,352	21,950	348,207	13,891	362,098
331	Primary Metals	1,332	144,698	4,459,335	4,605,365	89,924	287,921	15,500	0	1,805	0	3,712,086	5,030,863	9,138,099	13,743,465	14,400,485	28,143,950
332	Fabricated Metals	0	0	128	128	10,187	10,878	2,742	0	3,831	0	2	12,877	40,517	40,646	467,434	508,079
333	Machinery	0	0	600	600	3,823	1,917	1,287	0	0	0	0	4	7,032	7,632	97,780	105,412
334	Computers/Electronic Products	0	5	0	5	785	2,221	355	0	0	0	0	1,829	5,189	5,194	264,874	270,068
335	Electrical Equipment	0	0	7	7	3,572	15,967	502	0	0	0	170	553	20,764	20,771	1,254,865	1,275,636
336	Transportation Equipment	0	0	74,932	74,932	1,535	5,250	785	0	0	0	0	9,407	16,977	91,909	298,121	390,030
337	Furniture	0	0	0	0	415	588	1	0	550	0	0	284	1,837	1,837	3,410	5,247
339	Miscellaneous Manufacturing	0	253	0	253	1,482	88	27	0	0	0	0	0	1,598	1,851	71,340	73,191
4246	Chemical Wholesalers	0	0	0	0	0	0	9	0	0	0	0	0	10	10	5,314	5,324
4247	Petroleum Bulk Terminals	0	0	0	0	13	155	27	0	0	0	0	0	196	196	6,334	6,529
562	Hazardous Waste Management	80,021	11,687,872	64,410	11,832,304	1,203	2,317	122	0	0	1	462,396	1,499	467,538	12,299,841	2,171,882	14,471,723
	No TRI NAICS Code	0	19,900	2,203,296	2,223,196	316,419	3,545	2,927	0	1	2,480	28,611	4,182,263	4,536,245	6,759,440	325,910	7,085,350
	Total	**313,779**	**11,883,850**	**15,558,132**	**27,755,761**	**500,958**	**592,596**	**163,862**	**6,058,421**	**297,483**	**68,618**	**134,423,415**	**292,893,360**	**434,998,712**	**462,754,474**	**23,292,933**	**486,047,407**

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).
For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/triprogram/FactorsToConPDF.pdf.
Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

Does not include Off-site Disposal or Other Releases transferred to other TRI facilities that reported the amounts as on-site disposal or other releases.

TRI On-site and Off-site Disposal or Other Releases, by State, 2008: Lead and Lead Compounds

	On-site Disposal or Other Releases															
	On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other On-site Disposal or Other Releases									Total On-site Disposal or Other Releases	Total Off-site Disposal or Other Releases	Total On-site and Off-site Disposal or Other Releases
State	Class I Wells	RCRA Subtitle C Landfills	Other On-site Landfills	Subtotal	Fugitive Air Emissions	Point Source Air Emissions	Surface Water Discharges	Class II-V Wells	Land Treatment	RCRA Subtitle C Surface Impoundments	Other Surface Impoundments	Other Land Disposal	Subtotal			
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
Alabama	0	544,000	2,186,243	2,730,243	7,651	18,366	6,235	21,415	572	0	374,045	78,515	506,798	3,237,041	952,396	4,189,437
Alaska	0	0	2,620	2,620	9,674	2,842	188	6,026,639	0	0	71,462,658	123,076,524	200,578,524	200,581,144	8,679	200,589,823
Arizona	0	0	477,455	477,455	19,982	3,988	6	0	11	0	7,261,864	9,575,566	16,861,417	17,338,872	27,292	17,366,164
Arkansas	0	913	76,487	77,399	2,307	6,493	2,127	0	13,275	0	11,069	44,548	79,818	157,217	168,337	325,555
California	0	2,699,309	7,290	2,706,599	8,897	6,136	688	53	0	2	41	4,514,272	4,530,090	7,236,688	834,363	8,071,051
Colorado	0	253	79,732	79,985	710	1,528	32	0	312	0	3,310,280	2,479,894	5,792,756	5,872,741	47,004	5,919,746
Connecticut	0	0	238	238	1,656	595	212	0	0	0	0	487	2,951	3,189	318,519	321,708
Delaware	0	0	27,058	27,058	458	2,254	991	0	0	0	1,145	0	4,848	31,906	41,980	73,886
District of Columbia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	114	114
Florida	0	0	349,035	349,035	1,992	10,099	1,509	0	535	0	12,387	50,787	77,310	426,345	221,225	647,570
Georgia	0	0	39,877	39,877	250,682	12,030	1,528	0	1	0	287,492	255,196	806,930	846,807	103,622	950,428
Guam	0	0	0	0	20	185	0	0	0	0	16	1,264	1,485	1,485	0	1,485
Hawaii	0	0	0	0	3	2,465	24	7	0	0	0	27,833	30,332	30,332	13,261	43,593
Idaho	0	2,561,619	100,425	2,662,044	1,036	1,919	1,160	0	215	66,129	2,535,543	2,972,850	5,578,852	8,240,895	210,551	8,451,447
Illinois	0	1,000,156	104,514	1,104,670	8,290	76,372	3,839	0	348	0	94,833	10,640	194,323	1,298,993	1,025,814	2,324,807
Indiana	493	305	572,909	573,707	7,012	57,332	3,695	0	82,655	0	285,569	254,304	690,567	1,264,274	5,897,567	7,161,841
Iowa	0	0	52,222	52,222	2,060	10,226	2,667	0	0	0	2,694	7,514	25,162	77,384	497,054	574,438
Kansas	25	0	81,831	81,856	1,397	7,261	61	0	0	0	1,647	43,767	54,134	135,991	115,877	251,868
Kentucky	3,287	0	250,937	254,224	5,557	18,110	2,366	0	1,972	0	446,328	247,347	721,679	975,903	363,449	1,339,352
Louisiana	0	338,761	545,321	884,082	1,364	13,845	5,244	0	219	0	324,169	28,385	373,226	1,257,308	318,351	1,575,659
Maine	0	0	6,044	6,044	9	2,149	1,168	0	0	0	0	914	4,241	10,284	39,272	49,556
Maryland	0	0	162,739	162,739	295	2,190	240	6	14,636	0	0	10,213	27,581	190,320	174,952	365,272
Massachusetts	0	0	1,483	1,483	2,417	654	16	0	2	0	967	14,295	18,351	19,834	108,489	128,323
Michigan	0	60,717	105,311	166,028	2,999	15,575	630	0	0	0	98,916	24,189	142,309	308,337	483,294	791,632
Minnesota	0	0	47,564	47,564	1,943	6,485	835	0	0	0	14,918	36,906	61,087	108,651	321,320	429,970
Mississippi	228,516	0	716,737	945,253	1,330	4,992	957	0	0	0	5,747	63,752	76,777	1,022,030	72,940	1,094,970
Missouri	0	93,425	56,301	149,726	59,306	49,551	15,950	0	13	0	20,244,006	5,312,329	25,681,154	25,830,880	1,199,781	27,030,661
Montana	0	51	925,968	926,019	2,092	1,684	444	10,288	150	0	2,355,987	4,428,474	6,799,118	7,725,138	12,836	7,737,974
Nebraska	0	0	30,372	30,372	2,371	6,123	323	0	0	0	0	4,909	13,727	44,099	629,629	673,728
Nevada	0	195,753	320,674	516,427	2,185	2,333	9	0	36	0	9,264,555	81,146,952	90,416,070	90,932,497	7,754	90,940,251
New Hampshire	0	0	0	0	16	366	5	0	0	0	450	0	837	837	12,763	13,600
New Jersey	0	633	0	633	1,176	2,519	359	0	0	2,480	0	88,177	94,712	95,345	197,527	292,871
New Mexico	0	0	133,109	133,109	2,520	745	130	0	12	0	106,418	8,275,023	8,384,847	8,517,956	48,058	8,566,014
New York	0	113,000	53,956	166,956	1,850	8,572	1,965	0	16	0	107,375	79,188	198,966	365,923	171,973	537,896
North Carolina	0	0	100,645	100,645	6,730	10,910	3,348	0	39	0	148,890	674,012	843,928	944,573	158,725	1,103,298
North Dakota	0	0	20,500	20,500	12	8,037	471	12	0	0	37,516	17,388	63,437	83,937	47,498	131,434
Northern Mariana Islands	0	0	0	0	1	0	0	0	0	0	1	0	3	3	0	3
Ohio	10,567	1,360,000	422,524	1,793,091	11,099	50,107	4,730	0	24,400	0	263,108	4,505	357,949	2,151,040	1,948,640	4,099,680
Oklahoma	325	1,067,006	25,322	1,092,654	2,697	6,989	373	0	7,449	0	2,736	65,116	85,360	1,178,014	70,545	1,248,558
Oregon	0	587,333	65,816	653,149	226	1,738	2,549	0	22	0	290	10,089	14,915	668,065	100,162	768,227
Pennsylvania	0	5	346,861	346,866	23,567	49,729	4,196	0	820	1	462,519	43,347	584,179	931,045	3,741,942	4,672,988
Puerto Rico	0	0	0	0	34	2,297	76	0	0	0	0	10,096	12,503	12,503	9,053	21,556
Rhode Island	0	0	0	0	5	19	0	0	0	0	0	1,116	1,141	1,141	22,465	23,606
South Carolina	0	0	226,760	226,760	14,442	9,443	1,334	0	141	0	218,721	304,290	548,371	775,131	233,687	1,008,818
South Dakota	0	0	2,099,387	2,099,387	1,918	188	688	0	0	0	2	190	2,985	2,102,372	9,272	2,111,644
Tennessee	0	33	333,830	333,863	2,547	10,250	73,522	0	0	0	5,360,840	38,134	5,485,293	5,819,156	448,060	6,267,216
Texas	70,561	144,941	545,461	760,964	10,158	40,928	6,431	0	55,275	6	492,909	405,039	1,010,745	1,771,709	739,052	2,510,761
Utah	0	1,095,013	1,083,997	2,179,011	3,178	8,082	48	0	245	0	5,669,364	47,557,033	53,237,950	55,416,961	224,413	55,641,374
Vermont	0	0	0	0	12	13	0	0	0	0	0	16,093	16,118	16,118	7,569	23,688
Virgin Islands	0	0	0	0	0	318	0	0	1	0	0	52	371	371	327	697
Virginia	0	0	88,629	88,629	4,679	12,832	3,395	0	3,836	0	52,351	304,154	381,246	469,875	229,479	699,355
Washington	0	19,931	2,204,024	2,223,956	247	4,613	4,738	0	42	0	2,962,750	204,406	3,176,797	5,400,753	106,203	5,506,956
West Virginia	0	106	378,357	378,463	3,981	6,104	1,459	0	90,231	0	113,710	21,136	236,622	615,085	229,310	844,395
Wisconsin	0	587	9,219	9,806	4,070	9,863	876	0	0	0	6	61,138	75,953	85,759	308,195	393,954
Wyoming	4	0	92,349	92,353	95	4,153	28	0	2	0	26,580	1,009	31,866	124,219	12,289	136,509
Total	**313,779**	**11,883,850**	**15,558,132**	**27,755,761**	**500,958**	**592,596**	**163,862**	**6,058,421**	**297,483**	**68,618**	**134,423,415**	**292,893,360**	**434,998,712**	**462,754,474**	**23,292,933**	**486,047,407**

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Does not include Off-site Disposal or Other Releases transferred to other TRI facilities that reported the amounts as on-site disposal or other releases.

The 50 Facilities with Largest TRI On- and Off-site Disposal or Other Releases, 2008: Lead and Lead Compounds

					On-site Disposal or Other Releases														
					On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other On-site Disposal or Other Releases										
Facility	City	State	NAICS Code	Total Forms	Class I Wells	RCRA Subtitle C Landfills	Other On-site Landfills	Subtotal	Fugitive Air Emissions	Point Source Air Emissions	Surface Water Discharges	Class II-V Wells	Land Treatment	RCRA Subtitle C Surface Impoundments	Other Surface Impoundments	Other Land Disposal	Subtotal	Total On-site Disposal or Other Releases
				Number	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
Red Dog Operations	Kotzebue	AK	2122	1	0	0	0	0	7,548	81	5	0	0	0	70,969,712	112,654,910	183,632,256	183,632,256
Newmont Mining Corp Copper Canyon Facility	Battle Mountain	NV	2122	1	0	0	0	0	340	0	0	0	0	0	4,500,000	48,000,000	52,500,340	52,500,340
Kennecott Utah Copper Mine Concentrators & Power Plant	Copperton	UT	2122	1	0	0	64,888	64,888	1,644	12	9	0	245	0	2,796,695	47,514,613	50,313,218	50,378,106
Hecla Greens Creek Mining Co	Juneau	AK	2122	1	0	0	0	0	161	18	140	6,026,639	0	0	0	8,535,404	14,562,362	14,562,362
Robinson Nevada Mining Co	Ruth	NV	2122	1	0	0	0	0	33	0	9	0	0	0	731,000	13,100,000	13,831,042	13,831,042
Buick Mine/Mill	Boss	MO	2122	1	0	0	0	0	15,881	500	8,209	0	0	0	9,588,000	2,656,000	12,268,590	12,268,590
Cortez Gold Mines	Crescent Valley	NV	2122	1	0	0	47	47	91	0	0	0	18	0	296,338	9,017,538	9,313,986	9,314,033
Freeport McMoran Tyrone Inc	Tyrone	NM	2122	1	0	0	0	0	37	0	0	0	0	0	0	7,180,000	7,180,037	7,180,037
Newmont Mining Corp - Carlin South Area	Carlin	NV	2122	1	0	0	1	1	310	74	0	0	18	0	2,400,000	3,100,000	5,500,402	5,500,403
Nyrstar Clarksville Inc	Clarksville	TN	2122	1	0	0	0	0	10	1,504	314	0	0	0	5,168,659	0	5,170,487	5,170,487
Fletcher Mine/Mill	Centerville	MO	2122	1	0	0	0	0	8,043	200	3,150	0	0	0	4,960,000	0	4,971,393	4,971,393
Barrick Goldstrike Mines Inc	Elko	NV	2122	1	0	0	187	187	54	7	0	0	0	0	639,302	4,095,880	4,735,243	4,735,430
Western Mesquite Mines Inc.	Brawley	CA	2122	1	0	0	0	0	15	0	0	0	0	0	0	4,078,067	4,078,082	4,078,082
Freeport-McMoran Morenci Inc	Morenci	AZ	2122	1	0	0	0	0	863	16	0	0	0	0	3,040,000	959,000	3,999,879	3,999,879
Freeport-McMoran Miami Inc	Claypool	AZ	2122	1	0	0	0	0	7,420	2,370	1	0	0	0	0	3,840,000	3,849,791	3,849,791
Montana Resources LLP	Butte	MT	2122	1	0	0	0	0	0	0	0	0	0	0	0	3,657,048	3,657,048	3,657,048
Brushy Creek Mine/Mill	Bunker	MO	2122	1	0	0	0	0	5,471	0	1,343	0	0	0	3,646,000	0	3,652,814	3,652,814
Climax Molybdenum Co Henderson Mill	Parshall	CO	2122	1	0	0	0	0	6	7	0	0	0	0	3,310,000	0	3,310,013	3,310,013
Hecla Ltd Lucky Friday Mine Unit	Mullan	ID	2122	1	0	0	0	0	25	86	384	0	0	0	1,652,762	1,559,999	3,213,256	3,213,256
Quemetco Inc	Indianapolis	IN	331	1	0	0	0	0	0	1,259	0	0	0	0	0	0	1,259	1,259
Pend Oreille Mine	Metaline Falls	WA	2122	1	0	0	0	0	140	298	47	0	0	0	2,943,576	0	2,944,060	2,944,060
Kennecott Utah Copper Smelter & Refinery	Magna	UT	331	1	0	0	0	0	1,052	5,286	28	0	0	0	2,860,077	0	2,866,442	2,866,442
Montana Tunnels Mining Inc	Jefferson City	MT	2122	1	0	0	851,085	851,085	847	1	0	0	0	0	1,868,327	0	1,869,175	2,720,260
US Ecology Idaho Inc	Grand View	ID	562	2	0	2,561,619	0	2,561,619	44	578	0	0	0	0	0	0	622	2,562,241
ASARCO LLC Ray Complex/ Hayden Smelter & Concentrator	Hayden	AZ	331	1	0	0	535	535	9,243	465	0	0	0	0	0	2,531,441	2,541,149	2,541,684
Doe Run Co Herculaneum Smelter	Herculaneum	MO	331	1	0	0	0	0	2,808	35,775	193	0	0	0	0	2,495,608	2,534,384	2,534,384
Chemical Waste Management Inc	Kettleman City	CA	562	1	0	2,425,313	415	2,425,728	172	1	0	0	0	1	0	0	174	2,425,902
Cripple Creek & Victor Gold Mining Co	Victor	CO	2122	1	0	0	0	0	94	27	0	0	0	0	0	2,402,430	2,402,552	2,402,552
US DOE Hanford Site	Richland	WA		1	0	19,900	2,200,157	2,220,057	6	1	0	0	0	0	0	9,611	9,618	2,229,675
Fort Knox Mine	Fairbanks	AK	2122	1	0	0	0	0	23	0	0	0	0	0	492,946	1,697,950	2,190,919	2,190,919
Wharf Resources	Lead	SD	2122	1	0	0	2,087,100	2,087,100	1,900	19	0	0	0	0	0	0	1,919	2,089,019
Sweetwater Mine/Mill	Ellington	MO	2122	1	0	0	0	0	3,115	0	1,186	0	0	0	2,022,000	0	2,026,301	2,026,301
Sanders Lead Co Inc	Troy	AL	331	1	0	0	1,990,627	1,990,627	2,989	6,201	178	0	0	0	0	0	9,368	1,999,995
ASARCO LLC Mission Complex	Sahuarita	AZ	2122	1	0	0	0	0	5	42	0	0	11	0	1,629,764	0	1,629,823	1,629,823
Smoky Valley Common Operation	Round Mountain	NV	2122	1	0	0	0	0	1	0	0	0	0	0	174,000	1,330,000	1,504,001	1,504,001
Freeport-McMoran Sierrita Inc	Green Valley	AZ	2122	1	0	0	0	0	70	11	0	0	0	0	784,000	625,000	1,409,081	1,409,081
Thompson Creek Mining Co	Clayton	ID	2122	1	0	0	0	0	4	2	0	0	0	0	503,758	894,705	1,398,469	1,398,469
BHP Coppper Inc Pinto Valley Operation	Miami	AZ	2122	1	0	0	0	0	89	176	0	0	0	0	685,997	683,067	1,369,329	1,369,329
Envirosafe Services of Ohio Inc	Oregon	OH	562	1	0	1,360,000	0	1,360,000	24	2	0	0	0	0	0	0	27	1,360,027
Nucor Corp Nucor Steel Div	Plymouth	UT	331	1	0	0	826,592	826,592	5	569	0	0	0	0	0	0	575	827,166
Newmont Mining Corp Twin Creeks Mine	Golconda	NV	2122	1	0	0	278	278	37	3	0	0	0	0	250,066	1,089,860	1,339,966	1,340,244
Horsehead Corp Monaca Smelter	Monaca	PA	331	1	0	0	0	0	79	10,760	90	0	0	0	0	0	10,929	10,929
Golden Sunlight Mines Inc	Whitehall	MT	2122	1	0	0	5	5	37	0	0	0	0	0	476,349	738,454	1,214,840	1,214,845
Clean Harbors Lone Mountain LLC Lone Mountain Facility	Waynoka	OK	562	1	0	1,067,006	0	1,067,006	27	37	0	0	0	0	0	0	64	1,067,070
Buick Resource Recycling Facility LLC	Boss	MO	331	1	0	0	0	0	22,742	2,582	1,720	0	0	0	0	0	27,044	27,044
Peoria Disposal Co #1	Peoria	IL	562	1	0	1,000,000	0	1,000,000	0	0	0	0	0	0	0	0	0	1,000,000
Exide Technologies Reading Smelter Div	Reading	PA	339	2	0	0	0	0	173	1,834	68	0	0	0	0	0	2,076	2,076
EnergySolutions LLC	Clive	UT	562	1	0	912,476	3,769	916,245	0	0	0	0	0	0	0	0	0	916,245
DuPont Delisle Plant	Pass Christian	MS	325	1	228,516	0	672,775	901,291	0	43	15	0	0	0	0	1	59	901,350
Freeport McMoran Safford Inc	Safford	AZ	2122	1	0	0	0	0	45	0	0	0	0	0	0	888,000	888,045	888,045

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at http://www.epa.gov/tri/tridata.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

The 50 Facilities with Largest TRI On- and Off-site Disposal or Other Releases, 2008: Lead and Lead Compounds

	Off-site Disposal or Other Releases																		
	Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other Off-site Disposal or Other Releases														
Facility	Class I Wells Pounds	RCRA Subtitle C Landfills Pounds	Other Landfills Pounds	Subtotal Pounds	Storage Only Pounds	Solidification/ Stabilization (Metals and Metal Category Compounds Only) Pounds	Wastewater Treatment (Excluding POTWs) (Metals and Metal Category Compounds Only) Pounds	Transfers to POTWs (Metals and Metal Category Compounds Only) Pounds	Class II-V Wells Pounds	RCRA Subtitle C Surface Impoundments Pounds	Other Surface Impoundments Pounds	Land Treatment Pounds	Other Land Disposal Pounds	Other Off-site Management Pounds	Transfers to Waste Broker for Disposal Pounds	Unknown Pounds	Subtotal Pounds	Total Off-site Disposal or Other Releases Pounds	Total On-site and Off-site Disposal or Other Releases Pounds
Red Dog Operations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11	11	183,632,267
Newmont Mining Corp Copper Canyon Facility	0	44	0	44	0	0	0	0	0	0	0	0	0	0	0	0	0	44	52,500,384
Kennecott Utah Copper Mine Concentrators & Power Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50,378,106
Hecla Greens Creek Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14,562,362
Robinson Nevada Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13,831,042
Buick Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12,268,590
Cortez Gold Mines	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	9,314,033
Freeport McMoran Tyrone Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,180,037
Newmont Mining Corp - Carlin South Area	0	7	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	7	5,500,410
Nyrstar Clarksville Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,170,487
Fletcher Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,971,393
Barrick Goldstrike Mines Inc	0	1,251	0	1,251	0	0	0	0	0	0	0	0	0	0	0	0	0	1,251	4,736,681
Western Mesquite Mines Inc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,078,082
Freeport-McMoran Morenci Inc	0	2,444	0	2,444	0	0	0	0	0	0	0	0	0	0	0	1,440	1,440	3,884	4,003,763
Freeport-McMoran Miami Inc	0	0	0	0	0	6	0	34	0	0	0	0	0	0	0	0	40	40	3,849,830
Montana Resources LLP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,657,048
Brushy Creek Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,652,814
Climax Molybdenum Co Henderson Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,310,013
Hecla Ltd Lucky Friday Mine Unit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,213,256
Quemetco Inc	0	941,278	2,226,462	3,167,740	0	0	0	85	0	0	0	0	0	0	0	0	85	3,167,825	3,169,084
Pend Oreille Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	36	0	0	36	36	2,944,096
Kennecott Utah Copper Smelter & Refinery	0	0	0	0	0	6,029	0	0	0	0	0	0	0	0	0	0	6,029	6,029	2,872,471
Montana Tunnels Mining Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,720,260
US Ecology Idaho Inc	0	6,705	0	6,705	0	0	0	0	0	0	0	0	0	0	0	0	0	6,705	2,568,946
ASARCO LLC Ray Complex/ Hayden Smelter & Concentrator	0	39	0	39	0	0	0	0	0	0	0	0	0	0	0	0	0	39	2,541,723
Doe Run Co Herculaneum Smelter	0	0	0	0	0	159	0	983	0	0	0	0	0	0	0	0	1,142	1,142	2,535,526
Chemical Waste Management Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	458	0	0	458	458	2,426,360
Cripple Creek & Victor Gold Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,402,552
US DOE Hanford Site	0	0	0	0	0	3,536	0	0	0	0	0	0	7,501	0	501	1,471	13,008	13,008	2,242,684
Fort Knox Mine	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	4	4	2,190,923
Wharf Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,089,019
Sweetwater Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,026,301
Sanders Lead Co Inc	0	1	17	18	0	0	0	5	0	0	0	0	0	0	0	0	5	23	2,000,018
ASARCO LLC Mission Complex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,629,823
Smoky Valley Common Operation	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	5	5	1,504,006
Freeport-McMoran Sierrita Inc	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1,409,082
Thompson Creek Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,398,469
BHP Coppper Inc Pinto Valley Operation	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	2	1,369,331
Envirosafe Services of Ohio Inc	4	109	0	113	0	0	47	0	0	0	0	0	0	0	0	0	47	159	1,360,186
Nucor Corp Nucor Steel Div	0	517,759	40	517,800	0	0	0	0	0	0	0	0	0	0	0	0	0	517,800	1,344,966
Newmont Mining Corp Twin Creeks Mine	0	476	0	476	0	0	0	0	0	0	0	0	0	0	0	0	0	476	1,340,720
Horsehead Corp Monaca Smelter	0	0	1,279,110	1,279,110	0	18,585	0	0	0	0	0	0	0	0	0	0	18,585	1,297,695	1,308,624
Golden Sunlight Mines Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,214,845
Clean Harbors Lone Mountain LLC Lone Mountain Facility	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,067,070
Buick Resource Recycling Facility LLC	0	0	1,008,240	1,008,240	0	0	0	0	0	0	0	0	0	0	0	0	0	1,008,240	1,035,284
Peoria Disposal Co #1	0	0	22,000	22,000	0	0	0	1	0	0	0	0	0	0	0	0	1	22,001	1,022,001
Exide Technologies Reading Smelter Div	0	0	353,204	353,204	0	641,726	0	6	0	0	0	0	0	1	0	0	641,732	994,937	997,013
EnergySolutions LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	916,245
DuPont Delisle Plant	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	901,351
Freeport McMoran Safford Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	888,045

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).
For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/triprogram/FactorsToConPDF.pdf.
Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

TRI On-site and Off-site Disposal or Other Releases, by Industry, 2008: Mercury and Mercury Compounds

		On-site Disposal or Other Releases															
		On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other On-site Disposal or Other Releases											
NAICS Code	Industry	Class I Wells	RCRA Subtitle C Landfills	Other On-site Landfills	Subtotal	Fugitive Air Emissions	Point Source Air Emissions	Surface Water Discharges	Class II-V Wells	Land Treatment	RCRA Subtitle C Surface Impoundments	Other Surface Impoundments	Other Land Disposal	Subtotal	Total On-site Disposal or Other Releases	Total Off-site Disposal or Other Releases	Total On-site and Off-site Disposal or Other Releases
		Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
2121	Coal Mining	0	0	1,711	1,711	3	8	1	19	2,610	0	956	405	4,002	5,714	36	5,750
2122	Metal Mining	0	0	19,968	19,968	400	4,235	14	5,320	14	0	589,019	4,868,241	5,467,243	5,487,211	491	5,487,703
2211	Electric Utilities	0	0	24,709	24,709	21	89,422	968	0	964	0	13,191	1,705	106,272	130,981	19,291	150,271
311/312	Food/Beverages/Tobacco	0	0	0	0	0	612	1,572	0	0	0	23	32	2,239	2,239	920	3,159
313/314	Textiles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
321	Wood Products	0	0	2	2	0	5	0	0	0	0	0	0	5	6	1	7
322	Paper	0	19	593	611	7	1,915	155	0	28	0	212	4	2,320	2,931	1,849	4,780
323/51	Printing and Publishing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
324	Petroleum	9	0	17	26	121	1,881	159	3	76	3	7	150	2,400	2,427	3,153	5,580
325	Chemicals	115	37	4,341	4,492	2,924	2,473	172	0	1	0	175	1,591	7,336	11,827	57,624	69,451
326	Plastics and Rubber	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	18
327	Stone/Clay/Glass	12	0	68	80	44	814	2	0	0	0	34	698	1,592	1,672	65	1,738
32731	Cement	0	4	1,045	1,049	35	9,213	0	0	0	0	0	8	9,255	10,304	160	10,464
331	Primary Metals	0	8	202	210	191	8,326	49	0	28	0	4,257	544	13,397	13,607	7,830	21,437
332	Fabricated Metals	0	0	15	15	0	4	6	0	0	0	0	0	10	24	8	33
333	Machinery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,262	3,262
334	Computers/Electronic Products	0	0	0	0	23	7	0	0	0	0	0	0	30	30	29	59
335	Electrical Equipment	0	0	0	0	160	150	1	0	0	0	0	0	311	311	3,042	3,353
336	Transportation Equipment	0	0	0	0	0	11	0	0	0	0	0	0	11	11	6	17
339	Miscellaneous Manufacturing	0	0	0	0	1	1	0	0	0	0	0	0	2	2	628	630
4246	Chemical Wholesalers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	618	618
4247	Petroleum Bulk Terminals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
562	Hazardous Waste Management	135	333,792	53	333,980	43	1,363	1	0	0	0	82	0	1,490	335,469	69,057	404,526
	No TRI NAICS Code	0	0	22	22	13	61	0	0	0	0	0	0	74	96	930	1,026
	Total	**271**	**333,860**	**52,745**	**386,876**	**3,987**	**120,500**	**3,100**	**5,343**	**3,721**	**3**	**607,957**	**4,873,378**	**5,617,988**	**6,004,864**	**169,021**	**6,173,884**

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).
For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/triprogram/FactorsToConPDF.pdf.
Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

Does not include Off-site Disposal or Other Releases transferred to other TRI facilities that reported the amounts as on-site disposal or other releases.

TRI On-site and Off-site Disposal or Other Releases, by State, 2008: Mercury and Mercury Compounds

	On-site Disposal or Other Releases															
	On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other On-site Disposal or Other Releases									Total On-site Disposal or Other Releases	Total Off-site Disposal or Other Releases	Total On-site and Off-site Disposal or Other Releases
State	Class I Wells	RCRA Subtitle C Landfills	Other On-site Landfills	Subtotal	Fugitive Air Emissions	Point Source Air Emissions	Surface Water Discharges	Class II-V Wells	Land Treatment	RCRA Subtitle C Surface Impoundments	Other Surface Impoundments	Other Land Disposal	Subtotal			
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
Alabama	0	219,000	282	219,282	332	5,471	75	19	1	0	1,775	45	7,720	227,002	11,081	238,083
Alaska	0	0	22	22	9	62	2	5,317	0	0	21,321	46,196	72,907	72,929	20	72,949
Arizona	0	0	1,073	1,073	12	2,037	1	0	2	0	26,071	5,665	33,788	34,861	25	34,886
Arkansas	0	0	30	30	32	2,733	5	0	11	0	15	14	2,809	2,839	36	2,874
California	0	14,082	57	14,138	42	3,002	2	0	0	0	0	9,137	12,183	26,321	2,147	28,468
Colorado	0	0	1,139	1,139	22	1,343	12	0	3	0	5	1,804	3,189	4,327	202	4,530
Connecticut	0	0	0	0	3	82	1	0	0	0	0	0	86	86	355	441
Delaware	0	0	92	92	1	617	7	0	0	0	0	0	625	717	15,895	16,612
Florida	0	0	3,126	3,126	1	2,093	8	0	0	0	578	0	2,680	5,807	3,370	9,177
Georgia	0	0	128	128	78	4,178	32	0	0	0	1,797	22	6,107	6,235	82	6,317
Hawaii	0	0	0	0	1	54	4	2	0	0	0	0	60	60	63	123
Idaho	0	2,538	931	3,469	0	638	2	0	0	0	696	1,902	3,238	6,707	4	6,711
Illinois	0	84	14	98	29	5,203	23	0	1	0	186	117	5,559	5,657	6,462	12,118
Indiana	0	0	1,250	1,250	47	5,432	44	0	59	0	1,082	617	7,282	8,532	2,933	11,465
Iowa	0	0	476	476	1	2,953	7	0	0	0	23	5	2,990	3,466	1,202	4,668
Kansas	1	0	297	297	9	2,430	0	0	0	0	3	0	2,442	2,740	294	3,034
Kentucky	12	0	750	762	32	3,293	213	0	6	0	1,186	0	4,729	5,491	538	6,028
Louisiana	0	66,019	318	66,336	1,073	2,328	92	0	0	0	1,875	493	5,862	72,199	30,818	103,017
Maine	0	0	16	16	0	63	2	0	0	0	0	0	65	80	44	124
Maryland	0	0	29	29	1	2,200	1	0	1,698	0	0	0	3,900	3,929	3,846	7,776
Massachusetts	0	0	0	0	0	102	0	0	0	0	3	1	107	107	86	193
Michigan	0	1,225	688	1,913	119	4,084	44	0	0	0	532	14	4,793	6,706	652	7,359
Minnesota	0	0	233	233	24	1,380	0	0	0	0	51	17	1,474	1,707	193	1,899
Mississippi	114	0	508	622	1	844	20	0	0	0	1	0	866	1,488	269	1,757
Missouri	0	0	188	188	2	4,653	2	0	0	0	244	145	5,046	5,233	2,122	7,355
Montana	0	0	943	943	2	1,154	1	3	5	0	513	1,563	3,241	4,183	96	4,279
Nebraska	0	0	608	608	0	1,637	0	0	0	0	0	2	1,639	2,247	61	2,307
Nevada	0	3,957	20,248	24,205	383	4,174	0	0	9	0	536,923	4,776,593	5,318,083	5,342,289	485	5,342,774
New Hampshire	0	0	0	0	0	171	0	0	0	0	8	0	179	179	115	295
New Jersey	0	11	0	11	5	246	2	0	0	0	0	0	252	264	853	1,117
New Mexico	0	0	621	621	2	809	0	0	0	0	243	226	1,280	1,901	69	1,970
New York	0	85	357	441	14	978	16	0	0	0	3,646	1,214	5,868	6,310	1,330	7,640
North Carolina	0	0	567	567	0	2,574	151	0	0	0	1,129	634	4,487	5,055	586	5,641
North Dakota	0	0	124	124	0	2,776	0	1	0	0	284	16	3,077	3,201	81	3,282
Ohio	16	210	1,919	2,145	173	7,187	83	0	259	0	2,007	8	9,718	11,863	2,953	14,816
Oklahoma	0	17,909	132	18,041	7	1,597	2	0	26	0	85	0	1,717	19,758	599	20,357
Oregon	0	465	29	494	0	1,777	0	0	0	0	0	0	1,777	2,271	114	2,385
Pennsylvania	0	0	5,549	5,549	10	7,451	10	0	13	0	88	199	7,770	13,319	10,956	24,274
Puerto Rico	0	0	0	0	0	285	0	0	0	0	0	0	286	286	20	305
Rhode Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8
South Carolina	0	4	259	263	10	1,442	5	0	1	0	432	0	1,891	2,154	229	2,383
South Dakota	0	0	100	100	0	252	1,572	0	0	0	0	0	1,824	1,925	177	2,102
Tennessee	0	17	820	837	243	2,599	475	0	0	0	583	207	4,107	4,945	2,784	7,729
Texas	128	390	2,097	2,616	27	15,089	105	0	709	3	2,104	405	18,441	21,057	5,020	26,077
Utah	0	7,856	1,390	9,246	3	926	2	0	4	0	758	25,892	27,585	36,831	52,903	89,734
Vermont	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52	53
Virgin Islands	0	0	0	0	0	4	0	0	0	0	0	0	4	4	28	32
Virginia	0	0	641	641	0	1,380	15	0	0	0	420	41	1,856	2,497	838	3,335
Washington	0	0	8	8	1	560	24	0	44	0	8	35	672	680	175	855
West Virginia	0	8	3,528	3,536	150	3,891	22	0	869	0	1,102	114	6,149	9,685	1,403	11,088
Wisconsin	0	0	49	49	1,080	2,520	17	0	0	0	0	10	3,627	3,677	3,781	7,458
Wyoming	0	0	1,111	1,111	4	1,744	0	0	0	0	178	23	1,950	3,061	565	3,626
Total	**271**	**333,860**	**52,745**	**386,876**	**3,987**	**120,500**	**3,100**	**5,343**	**3,721**	**3**	**607,957**	**4,873,378**	**5,617,988**	**6,004,864**	**169,021**	**6,173,884**

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).
For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/triprogram/FactorsToConPDF.pdf.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

Does not include Off-site Disposal or Other Releases transferred to other TRI facilities that reported the amounts as on-site disposal or other releases.

The 50 Facilities with Largest TRI On- and Off-site Disposal or Other Releases, 2008: Mercury and Mercury Compounds

					On-site Disposal or Other Releases													
					On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other On-site Disposal or Other Releases									
Facility	**City**	**State**	**NAICS Code**	**Total Forms**	**Class I Wells**	**RCRA Subtitle C Landfills**	**Other On-site Landfills**	**Subtotal**	**Fugitive Air Emissions**	**Point Source Air Emissions**	**Surface Water Discharges**	**Class II-V Wells**	**Land Treatment**	**RCRA Subtitle C Surface Impoundments**	**Other Surface Impoundments**	**Other Land Disposal**	**Subtotal**	**Total On-site Disposal or Other Releases**
				Number	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
Barrick Goldstrike Mines Inc	Elko	NV	2122	1	0	0	1	1	11	1,073	0	0	0	0	236,946	1,585,991	1,824,021	1,824,022
Newmont Mining Corp - Carlin North Area	Carlin	NV	2122	1	0	0	0	0	110	3	0	0	0	0	0	1,300,000	1,300,113	1,300,113
Newmont Mining Corp Twin Creeks Mine	Golconda	NV	2122	1	0	0	0	0	151	1,686	0	0	0	0	215,234	977,441	1,194,512	1,194,512
Newmont Mining Corp - Carlin South Area	Carlin	NV	2122	1	0	0	0	0	34	420	0	0	0	0	68,000	330,000	398,455	398,455
Ruby Hill Mine	Eureka	NV	2122	1	0	0	0	0	11	34	0	0	0	0	0	294,386	294,431	294,431
Chemical Waste Management	Emelle	AL	562	1	0	219,000	0	219,000	0	97	0	0	0	0	0	0	97	219,097
Cortez Gold Mines	Crescent Valley	NV	2122	1	0	0	23	23	18	75	0	0	9	0	15,644	64,886	80,632	80,655
Bald Mountain Mine	Elko	NV	2122	1	0	0	9	9	25	279	0	0	0	0	0	76,319	76,623	76,632
Marigold Mining Co	Valmy	NV	2122	1	0	0	0	0	2	6	0	0	0	0	0	70,295	70,303	70,303
Newmont Mining Corp Copper Canyon Facility	Battle Mountain	NV	2122	1	0	0	0	0	2	2	0	0	0	0	0	70,000	70,004	70,004
Chemical Waste Management - Lake Charles Facility	Sulphur	LA	562	1	0	66,000	0	66,000	3	0	0	0	0	0	0	0	3	66,003
Clean Harbors Aragonite LLC	Grantsville	UT	562	2	0	0	0	0	0	3	0	0	0	0	0	0	3	3
Red Dog Operations	Kotzebue	AK	2122	1	0	0	0	0	8	2	1	0	0	0	20,233	29,242	49,486	49,486
Freeport-McMoran Morenci Inc	Morenci	AZ	2122	1	0	0	0	0	6	0	0	0	0	0	24,300	3,870	28,176	28,176
Kennecott Utah Copper Mine Concentrators & Power Plant	Copperton	UT	2122	1	0	0	9	9	1	45	1	0	4	0	12	25,786	25,848	25,858
Pioneer Americas LLC (Dba Olin Chlor Alkali Products)	Saint Gabriel	LA	325	1	0	0	0	0	679	2	15	0	0	0	0	0	696	696
Jerritt Canyon Mine	Elko	NV	2122	1	0	0	19,708	19,708	0	218	0	0	0	0	0	176	394	20,102
Clean Harbors Lone Mountain LLC Lone Mountain Facility	Waynoka	OK	562	1	0	17,909	0	17,909	5	1	0	0	0	0	0	0	6	17,915
Occidental Chemical Corp	New Castle	DE	325	1	0	0	0	0	0	0	5	0	0	0	0	0	6	6
Chemical Waste Management Inc	Kettleman City	CA	562	1	0	13,816	0	13,816	0	0	0	0	0	0	0	0	0	13,816
Occidental Chemical Corp	Muscle Shoals	AL	325	1	0	0	0	0	322	1	9	0	0	0	0	0	331	331
Hecla Greens Creek Mining Co	Juneau	AK	2122	1	0	0	0	0	0	5	0	5,317	0	0	0	7,001	12,323	12,323
Western Mesquite Mines Inc.	Brawley	CA	2122	1	0	0	0	0	0	0	0	0	0	0	0	9,121	9,121	9,121
Pogo Mine	Delta Junction	AK	2122	1	0	0	0	0	0	1	0	0	0	0	0	6,557	6,558	6,558
PPG Industries Inc	Westlake	LA	325	1	0	0	0	0	360	3	40	0	0	0	0	0	404	404
Clean Harbors Grassy Mountain LLC	Grantsville	UT	562	2	0	6,143	0	6,143	1	0	0	0	0	0	0	0	1	6,144
Smoky Valley Common Operation	Round Mountain	NV	2122	1	0	0	0	0	0	5	0	0	0	0	673	4,500	5,179	5,179
St Lawrence Zinc Co Balmat 4 Mine & Mill	Gouverneur	NY	2122	1	0	0	0	0	14	2	3	0	0	0	3,646	1,214	4,879	4,879
Clean Harbors Services Inc	Chicago	IL	562	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fort Knox Mine	Fairbanks	AK	2122	1	0	0	0	0	0	0	0	0	0	0	1,088	3,396	4,484	4,484
US Ecology Nevada Inc.	Beatty	NV	562	1	0	3,957	0	3,957	0	0	0	0	0	0	0	0	0	3,957
RRI Energy Inc Keystone Power Plant	Shelocta	PA	2211	1	0	0	1,898	1,898	0	1,000	1	0	0	0	0	0	1,001	2,898
Horsehead Corp Monaca Smelter	Monaca	PA	331	1	0	0	0	0	0	33	0	0	0	0	0	0	33	33
US Ecology Idaho Inc	Grand View	ID	562	1	0	2,538	0	2,538	0	1	0	0	0	0	0	0	1	2,539
PCS Phosphate White Springs	White Springs	FL	325	1	0	0	2,402	2,402	0	1	0	0	0	0	0	0	1	2,403
Erco Worldwide (USA) Inc	Nekoosa	WI	325	1	0	0	0	0	1,078	15	1	0	0	0	0	0	1,094	1,094
Flowserve Pump Div	Taneytown	MD	333	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
American Electric Power Gavin Plant	Cheshire	OH	2211	1	0	0	1,265	1,265	0	937	9	0	36	0	8	0	990	2,255
Limestone Electric Generating Station	Jewett	TX	2211	1	0	0	823	823	0	1,251	0	0	0	0	0	0	1,251	2,074
EaglePicher Technologies LLC	Joplin	MO	335	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Golden Sunlight Mines Inc	Whitehall	MT	2122	1	0	0	0	0	0	0	0	0	0	0	507	1,540	2,047	2,047
RRI Energy Inc Conemaugh Power Plant	New Florence	PA	2211	1	0	0	1,594	1,594	0	416	3	0	0	0	0	0	419	2,013
Colstrip Steam Electric Station	Colstrip	MT	2211	1	0	0	940	940	0	910	0	0	0	0	0	0	910	1,850
Scherer Steam Electric Generating Plant	Juliette	GA	2211	1	0	0	0	0	0	1,589	0	0	0	0	250	0	1,839	1,839
Martin Lake Steam Electric Station	Tatum	TX	2211	1	0	0	67	67	5	1,764	0	0	0	0	0	0	1,769	1,836
Cripple Creek & Victor Gold Mining Co	Victor	CO	2122	1	0	0	0	0	0	13	0	0	0	0	0	1,787	1,800	1,800
Gramercy Alumina LLC	Gramercy	LA	331	1	0	0	0	0	0	0	21	0	0	0	1,771	0	1,792	1,792
Alcoa World Alumina LLC	Point Comfort	TX	331	1	0	0	3	3	0	1,226	0	0	0	0	474	64	1,763	1,767
EnergySolutions LLC	Clive	UT	562	1	0	1,713	30	1,742	0	0	0	0	0	0	0	0	0	1,742
Big Brown Steam Electric Station	Fairfield	TX	2211	1	0	0	129	129	0	1,596	0	0	0	0	0	0	1,596	1,725

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at http://www.epa.gov/tri/tridata.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

11/20/09

The 50 Facilities with Largest TRI On- and Off-site Disposal or Other Releases, 2008: Mercury and Mercury Compounds

	Off-site Disposal or Other Releases																		
	Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other Off-site Disposal or Other Releases														
Facility	**Class I Wells** Pounds	**RCRA Subtitle C Landfills** Pounds	**Other Landfills** Pounds	**Subtotal** Pounds	**Storage Only** Pounds	**Solidification/ Stabilization (Metals and Metal Category Compounds Only)** Pounds	**Wastewater Treatment (Excluding POTWs) (Metals and Metal Category Compounds Only)** Pounds	**Transfers to POTWs (Metals and Metal Category Compounds Only)** Pounds	**Class II-V Wells** Pounds	**RCRA Subtitle C Surface Impoundments** Pounds	**Other Surface Impoundments** Pounds	**Land Treatment** Pounds	**Other Land Disposal** Pounds	**Other Off-site Management** Pounds	**Transfers to Waste Broker for Disposal** Pounds	**Unknown** Pounds	**Subtotal** Pounds	**Total Off-site Disposal or Other Releases** Pounds	**Total On-site and Off-site Disposal or Other Releases** Pounds
Barrick Goldstrike Mines Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,824,022
Newmont Mining Corp - Carlin North Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,300,113
Newmont Mining Corp Twin Creeks Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,194,512
Newmont Mining Corp - Carlin South Area	0	3	0	3	0	0	0	0	0	0	0	0	0	480	0	0	480	483	398,938
Ruby Hill Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	294,431
Chemical Waste Management	0	0	0	0	0	4	0	0	0	0	0	0	0	2,761	0	0	2,765	2,765	221,862
Cortez Gold Mines	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	80,656
Bald Mountain Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	76,632
Marigold Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70,303
Newmont Mining Corp Copper Canyon Facility	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70,004
Chemical Waste Management - Lake Charles Facility	0	0	0	0	0	913	0	0	0	0	0	0	0	1	0	0	914	914	66,917
Clean Harbors Aragonite LLC	0	48,202	0	48,202	0	552	0	0	0	0	0	0	0	7	10,251	0	10,810	59,012	59,015
Red Dog Operations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49,486
Freeport-McMoran Morenci Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28,176
Kennecott Utah Copper Mine Concentrators & Power Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25,858
Pioneer Americas LLC (Dba Olin Chlor Alkali Products)	0	484	8	492	0	23,200	0	0	0	0	0	0	0	0	0	0	23,200	23,692	24,388
Jerritt Canyon Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20,102
Clean Harbors Lone Mountain LLC Lone Mountain Facility	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17,915
Occidental Chemical Corp	0	0	0	0	0	15,828	0	0	0	0	0	0	0	693	0	0	16,520	16,520	16,526
Chemical Waste Management Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	250	0	0	250	250	14,066
Occidental Chemical Corp	0	571	0	571	0	3,356	0	0	0	0	0	0	0	8,880	0	0	12,236	12,806	13,137
Hecla Greens Creek Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12,323
Western Mesquite Mines Inc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,121
Pogo Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,558
PPG Industries Inc	0	6,063	0	6,063	0	0	0	0	0	0	0	0	0	0	0	0	0	6,063	6,466
Clean Harbors Grassy Mountain LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,144
Smoky Valley Common Operation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,179
St Lawrence Zinc Co Balmat 4 Mine & Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,879
Clean Harbors Services Inc	6	1,780	6	1,792	289	2,697	0	0	0	0	0	0	0	0	0	0	2,985	4,777	4,777
Fort Knox Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,484
US Ecology Nevada Inc.	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	3,958
RRI Energy Inc Keystone Power Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,898
Horsehead Corp Monaca Smelter	0	0	37	37	0	2,601	0	0	0	0	0	0	0	0	0	0	2,601	2,638	2,671
US Ecology Idaho Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,539
PCS Phosphate White Springs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,403
Erco Worldwide (USA) Inc	0	1,256	4	1,260	0	0	0	0	0	0	0	0	0	0	0	0	0	1,260	2,354
Flowserve Pump Div	0	0	0	0	0	0	0	0	0	0	0	0	0	2,322	0	0	2,322	2,322	2,322
American Electric Power Gavin Plant	0	0	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0	9	2,264
Limestone Electric Generating Station	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,074
EaglePicher Technologies LLC	0	0	0	0	2,070	0	0	0	0	0	0	0	0	0	0	0	2,070	2,070	2,070
Golden Sunlight Mines Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,047
RRI Energy Inc Conemaugh Power Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,013
Colstrip Steam Electric Station	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	10	10	1,860
Scherer Steam Electric Generating Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5	5	1,844
Martin Lake Steam Electric Station	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,836
Cripple Creek & Victor Gold Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,800
Gramercy Alumina LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,792
Alcoa World Alumina LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,767
EnergySolutions LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,742
Big Brown Steam Electric Station	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,725

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/triprogram/FactorsToConPDF.pdf.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

TRI On-site and Off-site Disposal or Other Releases, by Industry, 2008: Dioxin and Dioxin-like Compounds

		On-site Disposal or Other Releases															
		On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other On-site Disposal or Other Releases											
NAICS Code	Industry	Class I Wells	RCRA Subtitle C Landfills	Other On-site Landfills	Subtotal	Fugitive Air Emissions	Point Source Air Emissions	Surface Water Discharges	Class II-V Wells	Land Treatment	RCRA Subtitle C Surface Impoundments	Other Surface Impoundments	Other Land Disposal	Subtotal	Total On-site Disposal or Other Releases	Total Off-site Disposal or Other Releases	Total On-site and Off-site Disposal or Other Releases
		Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams
2122	Metal Mining	0.00	0.00	0.00	0.00	0.90	1.17	0.04	0.00	0.00	0.00	0.74	0.00	2.85	2.85	0.00	2.85
2211	Electric Utilities	0.00	0.00	7.29	7.29	1.42	620.69	0.00	0.00	0.00	0.01	0.15	0.00	622.27	629.55	4.47	634.02
311/312	Food/Beverages/Tobacco	0.00	0.00	0.00	0.00	0.00	17.65	0.00	0.00	0.08	0.00	0.00	0.00	17.73	17.73	0.13	17.86
313/314	Textiles	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.20	0.00	0.20
321	Wood Products	0.00	0.03	0.50	0.53	1.61	14.66	207.40	0.02	0.05	0.00	0.00	0.03	223.76	224.30	271.08	495.37
322	Paper	0.00	0.20	85.37	85.57	0.04	107.00	64.26	0.00	9.00	0.00	41.55	10.34	232.18	317.75	121.49	439.24
323/51	Printing and Publishing	0.00	0.00	0.05	0.06	0.94	30.67	4.71	0.00	3.66	0.00	0.01	0.00	39.99	40.05	44.05	84.10
325	Chemicals	0.09	7,444.56	5,993.93	13,438.59	1.86	75.50	938.89	86.71	0.00	0.00	706.54	0.00	1,809.49	15,248.08	9,841.23	25,089.31
326	Plastics and Rubber	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.14	0.17	0.31
327	Stone/Clay/Glass	0.00	0.00	0.00	0.00	0.00	7.80	0.00	0.00	0.00	0.00	0.00	2.89	10.69	10.69	0.00	10.69
32731	Cement	0.00	0.00	6.15	6.15	0.18	87.83	0.00	0.00	0.00	0.00	0.00	1.85	89.86	96.01	0.00	96.01
331	Primary Metals	0.00	1.30	226.64	227.94	6.98	431.18	0.00	0.00	0.00	0.00	4,332.95	0.12	4,771.24	4,999.18	1,392.87	6,392.05
332	Fabricated Metals	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.00	0.03
333	Machinery	0.00	0.00	0.00	0.00	1.87	1.91	0.00	0.00	0.00	0.00	0.00	0.00	3.78	3.78	0.00	3.78
335	Electrical Equipment	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.09	0.00	0.09
336	Transportation Equipment	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.20	0.00	0.20
337	Furniture	0.00	0.00	0.00	0.00	0.00	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.68	0.68	0.00	0.68
4247	Petroleum Bulk Terminals	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
562	Hazardous Waste Management	0.00	247.10	0.00	247.10	0.00	28.71	0.00	0.00	0.00	0.00	0.00	35.74	64.45	311.55	75.86	387.42
	No TRI NAICS Code	0.00	0.00	0.00	0.00	0.01	45.02	0.00	0.00	0.00	0.00	0.00	0.00	45.03	45.03	2.89	47.93
	Total	**0.10**	**7,693**	**6,320**	**14,013**	**16**	**1,471**	**1,215**	**87**	**13**	**0**	**5,082**	**51**	**7,935**	**21,948**	**11,754**	**33,702**

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).
For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/triprogram/FactorsToConPDF.pdf**.**
Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

Does not include Off-site Disposal or Other Releases transferred to other TRI facilities that reported the amounts as on-site disposal or other releases.

TRI On-site and Off-site Disposal or Other Releases, by State, 2008: Dioxin and Dioxin-like Compounds

	On-site Disposal or Other Releases															
	On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other On-site Disposal or Other Releases									Total On-site Disposal or Other Releases	Total Off-site Disposal or Other Releases	Total On-site and Off-site Disposal or Other Releases
State	Class I Wells	RCRA Subtitle C Landfills	Other On-site Landfills	Subtotal	Fugitive Air Emissions	Point Source Air Emissions	Surface Water Discharges	Class II-V Wells	Land Treatment	RCRA Subtitle C Surface Impoundments	Other Surface Impoundments	Other Land Disposal	Subtotal			
	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams
Alabama	0.00	0.00	46.74	46.74	0.17	38.92	138.67	0.00	0.06	0.00	0.31	0.42	178.55	225.29	127.68	352.97
Alaska	0.00	0.00	0.00	0.00	0.01	0.73	0.00	0.00	0.00	0.00	0.00	0.00	0.74	0.74	0.00	0.74
Arizona	0.00	0.00	0.00	0.00	0.42	11.67	0.00	0.00	0.00	0.00	2.25	0.00	14.34	14.34	0.00	14.34
Arkansas	0.00	0.00	3.92	3.92	0.00	23.89	9.65	0.00	4.48	0.00	0.00	35.74	73.77	77.68	54.42	132.10
California	0.00	0.00	0.00	0.00	0.21	127.26	1.74	0.00	0.00	0.00	0.00	0.00	129.21	129.21	68.16	197.37
Colorado	0.00	0.00	0.00	0.00	0.24	4.73	0.35	0.00	0.00	0.00	0.00	0.00	5.32	5.32	0.57	5.89
Connecticut	0.00	0.00	0.00	0.00	0.00	3.84	0.00	0.00	0.00	0.00	0.00	0.00	3.84	3.84	0.07	3.91
Delaware	0.00	0.00	0.00	0.00	0.01	9.52	0.57	0.00	0.00	0.00	0.26	0.00	10.36	10.36	957.77	968.13
Florida	0.00	0.00	3.75	3.75	1.39	31.63	4.20	0.00	3.60	0.00	4.14	0.00	44.96	48.71	1.90	50.61
Georgia	0.00	0.00	2.94	2.94	0.35	26.66	14.24	0.00	0.00	0.00	392.78	8.08	442.10	445.04	0.27	445.32
Guam	0.00	0.00	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.19	0.00	0.19
Hawaii	0.00	0.00	0.00	0.00	0.03	3.75	0.00	0.00	0.00	0.00	0.00	0.00	3.78	3.78	1.02	4.80
Idaho	0.00	0.00	0.01	0.01	0.03	1.54	0.40	0.00	0.08	0.00	0.00	0.00	2.05	2.06	9.07	11.13
Illinois	0.00	89.00	0.00	89.00	0.18	29.18	0.04	0.00	0.00	0.00	0.00	0.00	29.40	118.40	22.32	140.72
Indiana	0.00	0.00	124.54	124.54	2.34	55.25	0.00	0.00	0.00	0.00	0.00	0.00	57.59	182.13	162.97	345.11
Iowa	0.00	0.00	0.00	0.00	0.00	22.53	0.00	0.00	0.00	0.00	0.00	0.00	22.53	22.53	0.00	22.53
Kansas	0.00	0.00	1.92	1.92	0.00	11.18	0.00	0.00	0.00	0.00	0.00	0.00	11.18	13.10	0.00	13.10
Kentucky	0.00	0.00	23.00	23.00	0.81	114.73	218.42	0.00	0.00	0.00	0.21	0.00	334.17	357.17	2,283.10	2,640.27
Louisiana	0.09	0.20	59.85	60.15	0.41	46.55	213.59	0.00	0.00	0.01	0.60	0.01	261.17	321.32	719.28	1,040.59
Maine	0.00	0.00	1.19	1.19	0.00	7.28	0.19	0.00	0.00	0.00	0.00	0.00	7.47	8.66	1.01	9.67
Maryland	0.00	0.00	96.15	96.15	0.00	63.59	0.00	0.00	0.00	0.00	0.00	0.00	63.59	159.74	2.89	162.63
Massachusetts	0.00	0.00	0.00	0.00	0.00	7.63	0.00	0.00	0.00	0.00	0.00	0.00	7.64	7.64	0.00	7.64
Michigan	0.00	7,112.00	1.24	7,113.24	0.04	27.92	7.53	0.00	0.00	0.00	0.00	0.00	35.49	7,148.73	90.30	7,239.03
Minnesota	0.00	0.00	1.51	1.51	2.70	10.67	0.35	0.00	0.00	0.00	0.00	0.00	13.72	15.23	164.16	179.39
Mississippi	0.00	0.00	1,516.73	1,516.73	0.01	8.06	46.99	0.00	0.86	0.00	314.00	0.00	369.93	1,886.66	82.97	1,969.63
Missouri	0.00	1.30	0.00	1.30	0.00	26.29	0.01	0.00	0.00	0.00	0.00	1.85	28.14	29.44	0.00	29.44
Montana	0.00	0.00	0.00	0.00	0.01	5.88	0.09	0.00	0.00	0.00	0.10	0.00	6.07	6.07	1.38	7.45
Nebraska	0.00	0.00	0.00	0.00	0.00	2.74	0.00	0.00	0.00	0.00	0.00	0.00	2.74	2.74	0.00	2.74
Nevada	0.00	0.00	0.00	0.00	0.24	7.20	0.00	0.00	0.00	0.00	0.00	0.00	7.44	7.44	0.00	7.44
New Hampshire	0.00	0.00	0.00	0.00	0.00	0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.51	0.51	0.00	0.51
New Jersey	0.00	0.00	0.00	0.00	0.29	9.36	0.00	0.00	0.00	0.00	0.00	0.00	9.65	9.65	30.74	40.39
New Mexico	0.00	0.00	0.00	0.00	0.00	3.67	0.00	0.00	0.00	0.00	0.00	0.00	3.67	3.67	0.00	3.67
New York	0.00	142.41	0.06	142.47	0.10	17.48	3.54	0.00	0.00	0.00	0.00	0.00	21.13	163.60	2.01	165.61
North Carolina	0.00	0.03	1.47	1.50	0.00	283.69	28.09	0.00	0.05	0.00	0.00	1.76	313.58	315.08	1.35	316.43
North Dakota	0.00	0.00	0.05	0.05	0.01	17.99	0.00	0.00	0.00	0.00	0.00	0.00	17.99	18.05	0.00	18.05
Ohio	0.00	0.00	256.67	256.67	0.17	33.71	0.26	0.00	0.00	0.00	0.00	2.89	37.04	293.71	133.77	427.49
Oklahoma	0.00	0.00	9.77	9.77	0.07	13.05	0.01	0.00	0.01	0.00	5.42	0.01	18.57	28.34	76.00	104.34
Oregon	0.00	15.69	0.54	16.23	1.48	8.68	0.14	0.00	0.00	0.00	0.00	0.20	10.51	26.74	1.55	28.28
Pennsylvania	0.00	0.00	0.01	0.01	0.01	86.45	1.14	0.00	0.00	0.00	3.26	0.00	90.86	90.87	4.06	94.93
Puerto Rico	0.00	0.00	0.00	0.00	0.00	13.40	0.00	0.00	0.00	0.00	0.00	0.00	13.40	13.40	0.01	13.41
South Carolina	0.00	0.00	1.44	1.44	1.89	17.76	3.79	0.00	0.00	0.00	12.44	0.02	35.89	37.33	3.44	40.77
South Dakota	0.00	0.00	0.00	0.00	0.00	8.28	0.00	0.00	0.00	0.00	0.00	0.00	8.28	8.28	0.00	8.28
Tennessee	0.00	2.12	1,728.91	1,731.03	0.50	33.64	4.32	0.00	0.00	0.00	0.07	0.00	38.52	1,769.55	186.36	1,955.91
Texas	0.00	330.44	2,423.82	2,754.27	1.10	66.74	507.99	86.71	0.00	0.00	12.78	0.00	675.33	3,429.60	6,058.53	9,488.13
Utah	0.00	0.00	7.28	7.28	0.31	32.16	0.00	0.00	0.00	0.00	4,332.95	0.00	4,365.42	4,372.70	32.81	4,405.51
Virgin Islands	0.00	0.00	0.00	0.00	0.00	1.21	0.55	0.00	0.00	0.00	0.00	0.00	1.76	1.76	0.00	1.76
Virginia	0.00	0.00	1.08	1.08	0.02	18.59	1.37	0.00	0.00	0.00	0.36	0.00	20.34	21.42	22.13	43.55
Washington	0.00	0.00	3.44	3.44	0.21	11.76	3.68	0.02	3.66	0.00	0.00	0.00	19.32	22.77	102.25	125.02
West Virginia	0.00	0.00	0.00	0.00	0.06	12.21	3.33	0.00	0.00	0.00	0.00	0.00	15.60	15.60	48.80	64.40
Wisconsin	0.00	0.00	1.90	1.90	0.02	33.42	0.06	0.00	0.00	0.00	0.00	0.00	33.50	35.40	299.11	334.51
Wyoming	0.00	0.00	0.00	0.00	0.00	16.31	0.00	0.00	0.00	0.00	0.00	0.00	16.31	16.31	0.00	16.31
Total	**0.10**	**7,693.19**	**6,319.94**	**14,013.23**	**15.83**	**1,471.10**	**1,215.31**	**86.73**	**12.79**	**0.01**	**5,081.93**	**50.97**	**7,934.68**	**21,947.91**	**11,754.23**	**33,702.14**

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/triprogram/FactorsToConPDF.pdf.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

Does not include Off-site Disposal or Other Releases transferred to other TRI facilities that reported the amounts as on-site disposal or other releases.

11/20/09

The 50 Facilities with Largest TRI On- and Off-site Disposal or Other Releases, 2008: Dioxin and Dioxin-like Compounds

					On-site Disposal or Other Releases													
					On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other On-site Disposal or Other Releases									
Facility	**City**	**State**	**NAICS Code**	**Total Forms**	**Class I Wells**	**RCRA Subtitle C Landfills**	**Other On-site Landfills**	**Subtotal**	**Fugitive Air Emissions**	**Point Source Air Emissions**	**Surface Water Discharges**	**Class II-V Wells**	**Land Treatment**	**RCRA Subtitle C Surface Impoundments**	**Other Surface Impoundments**	**Other Land Disposal**	**Subtotal**	**Total On-site Disposal or Other Releases**
				Number	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams
Dow Chemical Co	Midland	MI	325	1	0.00	7,112.00	0.00	7,112.00	0.00	0.10	1.84	0.00	0.00	0.00	0.00	0.00	1.94	7,113.94
GB Biosciences Corp	Houston	TX	325	1	0.00	0.00	0.00	0.00	1.01	8.53	0.08	0.00	0.00	0.00	0.00	0.00	9.62	9.62
U.S. Magnesium LLC	Rowley	UT	331	1	0.00	0.00	0.00	0.00	0.12	3.10	0.00	0.00	0.00	0.00	4,332.80	0.00	4,336.02	4,336.02
Dow Chemical Co Freeport Facility	Freeport	TX	325	1	0.00	330.44	2,423.45	2,753.89	0.00	11.83	416.96	86.71	0.00	0.00	0.00	0.00	515.50	3,269.39
Westlake Vinyls Inc	Calvert City	KY	325	1	0.00	0.00	0.00	0.00	0.00	0.64	218.42	0.00	0.00	0.00	0.00	0.00	219.06	219.06
DuPont Johnsonville Plant	New Johnsonville	TN	325	1	0.00	0.00	1,728.11	1,728.11	0.00	1.02	2.77	0.00	0.00	0.00	0.00	0.00	3.79	1,731.90
DuPont Delisle Plant	Pass Christian	MS	325	1	0.00	0.00	1,515.50	1,515.50	0.00	1.10	0.10	0.00	0.00	0.00	0.00	0.00	1.20	1,516.70
DuPont Edge Moor	Edgemoor	DE	325	1	0.00	0.00	0.00	0.00	0.00	0.02	0.57	0.00	0.00	0.00	0.00	0.00	0.59	0.59
Tronox Pigments (Savannah) Inc	Savannah	GA	325	1	0.00	0.00	0.00	0.00	0.00	1.10	0.02	0.00	0.00	0.00	392.06	0.00	393.18	393.18
Tronox LLC	Hamilton	MS	325	1	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	314.00	0.00	314.11	314.11
Occidental Chemical Corp	Gregory	TX	325	1	0.00	0.00	0.00	0.00	0.00	0.23	3.33	0.00	0.00	0.00	0.00	0.00	3.56	3.56
Georgia Gulf Chemicals & Vinyls LLC	Plaquemine	LA	325	1	0.00	0.00	0.00	0.00	0.00	1.89	2.01	0.00	0.00	0.00	0.00	0.00	3.89	3.89
JL French Corp - Gateway	Sheboygan	WI	331	1	0.00	0.00	0.00	0.00	0.01	5.59	0.00	0.00	0.00	0.00	0.00	0.00	5.60	5.60
Dow Chemical Co Plaquemine	Plaquemine	LA	325	1	0.00	0.00	40.64	40.64	0.00	4.70	161.14	0.00	0.00	0.00	0.00	0.00	165.84	206.48
Millennium Inorganic Chemicals A Cristal Co	Ashtabula	OH	325	1	0.00	0.00	193.08	193.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	193.08
Colfax Treating Co LLC	Pineville	LA	321	1	0.00	0.00	0.00	0.00	0.00	0.00	4.95	0.00	0.00	0.00	0.00	0.00	4.95	4.95
Formosa Plastics Corp Texas	Point Comfort	TX	325	1	0.00	0.00	0.00	0.00	0.00	1.91	82.78	0.00	0.00	0.00	0.00	0.00	84.69	84.69
Spectro Alloys Corp	Rosemount	MN	331	1	0.00	0.00	0.00	0.00	2.70	1.66	0.00	0.00	0.00	0.00	0.00	0.00	4.36	4.36
Epcor USA North Carolina LLC Roxboro	Roxboro	NC	2211	1	0.00	0.00	0.00	0.00	0.00	143.89	0.00	0.00	0.00	0.00	0.00	0.00	143.89	143.89
CWM Chemical Services LLC	Model City	NY	562	1	0.00	142.41	0.00	142.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	142.41
Wabash Alloys LLC	Wabash	IN	331	1	0.00	0.00	123.94	123.94	0.00	6.74	0.00	0.00	0.00	0.00	0.00	0.00	6.74	130.68
PPG Industries Inc	Westlake	LA	325	1	0.00	0.00	0.00	0.00	0.00	0.27	11.90	0.00	0.00	0.00	0.00	0.00	12.17	12.17
Cahaba Pressure Treated Forest Products Inc	Brierfield	AL	321	1	0.00	0.00	0.00	0.00	0.00	0.00	113.53	0.00	0.00	0.00	0.00	0.00	113.53	113.53
Imco Recycling of Ohio Inc	Uhrichsville	OH	331	1	0.00	0.00	0.00	0.00	0.00	5.67	0.00	0.00	0.00	0.00	0.00	0.00	5.67	5.67
Electric Mills Wood Preserving LLC	Scooba	MS	321	1	0.00	0.00	0.00	0.00	0.00	0.02	29.88	0.00	0.00	0.00	0.00	0.00	29.89	29.89
Tri Star Aluminum Co LP	Alexandria	TN	331	1	0.00	0.00	0.00	0.00	0.00	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.32
Quemetco Inc	City Of Industry	CA	331	1	0.00	0.00	0.00	0.00	0.00	109.00	0.00	0.00	0.00	0.00	0.00	0.00	109.00	109.00
Severstal Sparrows Point LLC	Baltimore	MD	331	1	0.00	0.00	78.20	78.20	0.00	12.20	0.00	0.00	0.00	0.00	0.00	0.00	12.20	90.40
Clean Harbors El Dorado LLC	El Dorado	AR	562	1	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	35.74	35.78	35.78
Peoria Disposal Co #1	Peoria	IL	562	1	0.00	89.00	0.00	89.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	89.01
Imco Recycling of Michigan LLC	Coldwater	MI	331	1	0.00	0.00	0.00	0.00	0.00	4.36	0.00	0.00	0.00	0.00	0.00	0.00	4.36	4.36
USS Gary Works	Gary	IN	331	1	0.00	0.00	0.00	0.00	0.00	8.01	0.00	0.00	0.00	0.00	0.00	0.00	8.01	8.01
Aleris Recycling Inc	Sapulpa	OK	331	1	0.00	0.00	0.00	0.00	0.00	4.00	0.00	0.00	0.00	0.00	0.00	0.00	4.00	4.00
Commonwealth Aluminum Lewisport LLC	Lewisport	KY	331	1	0.00	0.00	0.00	0.00	0.00	77.00	0.00	0.00	0.00	0.00	0.00	0.00	77.00	77.00
Arcelormittal Burns Harbor LLC	Burns Harbor	IN	331	1	0.00	0.00	0.60	0.60	0.00	11.59	0.00	0.00	0.00	0.00	0.00	0.00	11.59	12.19
Epcor USA North Carolina LLC Southport	Southport	NC	2211	1	0.00	0.00	0.00	0.00	0.00	73.06	0.00	0.00	0.00	0.00	0.00	0.00	73.06	73.06
Westlake Vinyls Co	Geismar	LA	325	1	0.00	0.00	0.00	0.00	0.00	5.87	0.23	0.00	0.00	0.00	0.00	0.00	6.10	6.10
Millennium Inorganic Chemicals A Cristal Co	Ashtabula	OH	325	1	0.00	0.00	62.70	62.70	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.02	62.72
JL French Corp – TYLR	Sheboygan	WI	331	1	0.00	0.00	0.00	0.00	0.01	2.94	0.00	0.00	0.00	0.00	0.00	0.00	2.94	2.94
Georgia Gulf Lake Charles LLC	Westlake	LA	325	1	0.00	0.00	0.00	0.00	0.14	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.23
Light Metals Inc	City of Industry	CA	331	1	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.11
Shell Norco Chemical Plant West Site	Norco	LA	325	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tennessee Aluminum Processors Inc	Gadsden	AL	331	1	0.00	0.00	0.00	0.00	0.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.61
Shell Chemical Co	Deer Park	TX	325	1	0.00	0.00	0.00	0.00	0.00	0.00	2.02	0.00	0.00	0.00	0.00	0.00	2.02	2.02
Weyerhaeuser NR Co - Longview	Longview	WA	322	1	0.00	0.00	0.00	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.75	0.75
Gerdau Ameristeel - Charlotte Steel Mill	Charlotte	NC	331	1	0.00	0.00	0.00	0.00	0.00	44.83	0.00	0.00	0.00	0.00	0.00	0.00	44.83	44.83
Dupont Sabine River Works	Orange	TX	325	1	0.00	0.00	0.00	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.75	0.75
Simpson Tacoma Kraft Co LLC	Tacoma	WA	322	1	0.00	0.00	0.00	0.00	0.00	2.76	0.00	0.00	0.00	0.00	0.00	0.00	2.76	2.76
US Navy Naval Support Facility Indian Head	Indian Head	MD		1	0.00	0.00	0.00	0.00	0.00	38.45	0.00	0.00	0.00	0.00	0.00	0.00	38.45	38.45
Abitibibowater Inc Coosa Pines Operations	Coosa Pines	AL	322	1	0.00	0.00	38.66	38.66	0.00	1.20	0.39	0.00	0.00	0.00	0.05	0.00	1.64	40.30

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information). For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/triprogram/FactorsToConPDF.pdf.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

The 50 Facilities with Largest TRI On- and Off-site Disposal or Other Releases, 2008: Dioxin and Dioxin-like Compounds

	Off-site Disposal or Other Releases																		
	Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other Off-site Disposal or Other Releases														
Facility	Class I Wells	RCRA Subtitle C Landfills	Other Landfills	Subtotal	Storage Only	Solidification/ Stabilization (Metals and Metal Category Compounds Only)	Wastewater Treatment (Excluding POTWs) (Metals and Metal Category Compounds Only)	Transfers to POTWs (Metals and Metal Category Compounds Only)	Class II-V Wells	RCRA Subtitle C Surface Impoundments	Other Surface Impoundments	Land Treatment	Other Land Disposal	Other Off-site Management	Transfers to Waste Broker for Disposal	Unknown	Subtotal	Total Off-site Disposal or Other Releases	Total On-site and Off-site Disposal or Other Releases
	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams
Dow Chemical Co	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7,113.94
GB Biosciences Corp	0.00	5,498.45	2.40	5,500.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5,500.85	5,510.47
U.S. Magnesium LLC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4,336.02
Dow Chemical Co Freeport Facility	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,269.39
Westlake Vinyls Inc	0.00	0.00	2,283.10	2,283.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,283.10	2,502.16
DuPont Johnsonville Plant	0.00	0.00	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	1,731.92
DuPont Delisle Plant	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,516.70
DuPont Edge Moor	0.00	0.00	957.77	957.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	957.77	958.36
Tronox Pigments (Savannah) Inc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	393.18
Tronox LLC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	314.11
Occidental Chemical Corp	0.00	197.16	96.53	293.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	293.69	297.25
Georgia Gulf Chemicals & Vinyls LLC	0.00	3.98	241.17	245.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.14	4.14	249.30	253.20
JL French Corp - Gateway	0.00	0.00	243.40	243.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	243.40	249.00
Dow Chemical Co Plaquemine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	206.48
Millennium Inorganic Chemicals A Cristal Co	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	193.08
Colfax Treating Co LLC	0.00	0.00	180.52	180.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	180.52	185.47
Formosa Plastics Corp Texas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	94.80	0.00	0.00	94.80	94.80	179.49
Spectro Alloys Corp	0.00	0.00	163.93	163.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	163.93	168.29
Epcor USA North Carolina LLC Roxboro	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	143.89
CWM Chemical Services LLC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	142.41
Wabash Alloys LLC	0.00	0.00	2.53	2.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.53	133.21
PPG Industries Inc	0.00	113.48	0.00	113.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	113.48	125.65
Cahaba Pressure Treated Forest Products Inc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	113.53
Imco Recycling of Ohio Inc	0.00	50.08	57.62	107.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	107.70	113.37
Electric Mills Wood Preserving LLC	0.00	0.00	81.87	81.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	81.87	111.77
Tri Star Aluminum Co LP	0.00	0.00	110.00	110.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	110.00	110.32
Quemetco Inc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	109.00
Severstal Sparrows Point LLC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	90.40
Clean Harbors El Dorado LLC	0.00	54.10	0.00	54.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	54.10	89.88
Peoria Disposal Co #1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	89.01
Imco Recycling of Michigan LLC	0.00	0.00	82.86	82.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	82.86	87.22
USS Gary Works	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	78.19	0.00	0.00	78.19	78.19	86.20
Aleris Recycling Inc	0.00	0.00	76.00	76.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	76.00	80.00
Commonwealth Aluminum Lewisport LLC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	77.00
Arcelormittal Burns Harbor LLC	0.00	0.00	63.60	63.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	63.60	75.79
Epcor USA North Carolina LLC Southport	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	73.06
Westlake Vinyls Co	0.00	0.00	64.53	64.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	64.53	70.63
Millennium Inorganic Chemicals A Cristal Co	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	62.72
JL French Corp – TYLR	0.00	0.00	51.82	51.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	51.82	54.76
Georgia Gulf Lake Charles LLC	0.00	52.08	0.00	52.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	52.08	52.31
Light Metals Inc	0.00	0.00	52.13	52.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	52.13	52.24
Shell Norco Chemical Plant West Site	0.00	0.00	52.00	52.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	52.00	52.00
Tennessee Aluminum Processors Inc	0.00	0.00	51.06	51.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	51.06	51.67
Shell Chemical Co	0.00	0.00	47.15	47.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	47.15	49.16
Weyerhaeuser NR Co - Longview	0.00	0.00	44.96	44.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44.96	45.71
Gerdau Ameristeel - Charlotte Steel Mill	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44.83
Dupont Sabine River Works	0.00	43.90	0.00	43.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43.90	44.65
Simpson Tacoma Kraft Co LLC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	41.04	0.00	0.00	0.00	41.04	41.04	43.80
US Navy Naval Support Facility Indian Head	0.00	0.00	2.89	2.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.89	41.34
Abitibibowater Inc Coosa Pines Operations	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.30

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information). For more detailed information on this subject refer to The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data document at www.epa.gov/tri/triprogram/FactorsToConPDF.pdf.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).